

XI STD COMPUTER SCIENCE C++Programs 2024 - 2025

Sl.No	Program	Output
1. School Address	<pre>#include &lt;iostream&gt; using namespace std; int main() { cout &lt;&lt; "\n GOVT. HR.SEC.SCHOOL "; cout &lt;&lt; "\n MUKHASAPARUR "; cout &lt;&lt; "\n CUDDALORE DT "; cout &lt;&lt; "\n PIN 606001" ; }</pre>	<p>GOVT. HR.SEC.SCHOOL MUKHASAPARUR CUDDALORE DT PIN 606001</p>
2. வட்டத்தின் பரப்பளவை கண்டறியும் C++ நிரல்.(area of circle)	<pre>#include &lt;iostream&gt; using namespace std; int main() { int radius; float area; cout &lt;&lt; "\n Enter Radius: "; cin &gt;&gt; radius; area = 3.14 * radius * radius; cout &lt;&lt; "\n The area of circle = " &lt;&lt; area; }</pre>	<p>Enter Radius: 8 The area of circle = 200.96</p>
3. கூட்டுத் தொகை (SUM of 3 marks)	<pre>#include &lt;iostream&gt; using namespace std; int main() { int m1, m2, m3, sum; cout &lt;&lt; "\n Enter Mark 1: "; cin &gt;&gt; m1; cout &lt;&lt; "\n Enter Mark 2: "; cin &gt;&gt; m2; cout &lt;&lt; "\n Enter Mark 3: "; cin &gt;&gt; m3; sum = m1 + m2 + m3; cout &lt;&lt; "\n The sum = " &lt;&lt; sum; }</pre>	<p>Enter Mark 1: 45 Enter Mark 2: 50 Enter Mark 3: 55 The sum = 150</p>
4. if	<pre>#include &lt;iostream&gt; using namespace std; int main() { int age; cout &lt;&lt; "\n Enter your age: "; cin &gt;&gt; age; if (age &gt;= 18) cout &lt;&lt; "\n You are eligible for voting ...."; cout &lt;&lt; "\n This statement is always executed."; return 0; }</pre>	<p>Enter your age: 21 You are eligible for voting....This statement is always executed.</p> <p>Enter your age: 17 This statement is always executed.</p>
5. if..else	<pre>#include &lt;iostream&gt; using namespace std; int main() { int num, rem; cout &lt;&lt; "\n Enter a number: "; cin &gt;&gt; num; rem = num % 2; if (rem == 0) cout &lt;&lt; "\n The given number " &lt;&lt; num &lt;&lt; " is Even"; else cout &lt;&lt; "\n The given number " &lt;&lt; num &lt;&lt; " is Odd"; return 0; }</pre>	<p>Enter a number: 54 The given number 54 is Even</p> <p>Enter a number: 31 The given number 31 is Odd</p>

6. if -else-if	<pre>#include &lt;iostream&gt; using namespace std; int main() { int marks; cout&lt;&lt;" Enter the Marks :"; cin&gt;&gt;marks; if( marks &gt;= 60 ) cout&lt;&lt; "Your grade is 1st class !" &lt;&lt;endl; else if( marks &gt;= 50 &amp;&amp; marks &lt; 60) cout&lt;&lt; "your grade is 2nd class !" &lt;&lt;endl; else if( marks &gt;= 40 &amp;&amp; marks &lt; 50) cout&lt;&lt; "your grade is 3rd class !" &lt;&lt;endl; else cout&lt;&lt; "You are fail !" &lt;&lt;endl; return 0; }</pre>	<p>Enter the Marks :70 Your grade is 1st class !!</p> <p>Enter the Marks :59 your grade is 2nd class !!</p> <p>Enter the Marks :49 your grade is 3rd class !!</p> <p>Enter the Marks :39 You are fail !!</p>
7. நிபந்தனை செயற்குறி (Conditional operator)	<pre>#include &lt;iostream&gt; using namespace std; int main() { int a, b, largest; cout &lt;&lt; "\n Enter any two numbers: "; cin &gt;&gt; a &gt;&gt; b; largest = (a&gt;b)? a : b; cout &lt;&lt; "\n Largest number : " &lt;&lt; largest; return 0; }</pre>	<p>Enter any two numbers: 23 45</p> <p>Largest number : 45</p>
8. switch	<pre>#include &lt;iostream&gt; using namespace std; int main() { int num; cout &lt;&lt; "\n Enter week day number: "; cin &gt;&gt; num; switch (num) { case 1 : cout &lt;&lt; "\n Sunday"; break; case 2 : cout &lt;&lt; "\n Monday"; break; case 3 : cout &lt;&lt; "\n Tuesday"; break; case 4 : cout &lt;&lt; "\n Wednesday"; break; case 5 : cout &lt;&lt; "\n Thursday"; break; case 6 : cout &lt;&lt; "\n Friday"; break; case 7 : cout &lt;&lt; "\n Saturday"; break; default: cout &lt;&lt; "\n Wrong input...."; } }</pre>	<p>Enter week day number: 1 Sunday</p> <p>Enter week day number: 2 Monday</p> <p>Enter week day number: 3 Tuesday</p> <p>Enter week day number: 4 Wednesday</p>
9. for	<pre>#include &lt;iostream&gt; using namespace std; int main () { int i; for(i = 1; i &lt; 10; i ++ ) cout&lt;&lt;i&lt;&lt;"\t"; return 0; }</pre>	<pre>1  2  3  4  5  6 7  8  9 10</pre>
10. while	<pre>#include &lt;iostream&gt; using namespace std; int main () { int i=1; while(i&lt;=10) { cout&lt;&lt;i&lt;&lt;"\t"; i+=1; } return 0; }</pre>	<pre>1  2  3  4  5  6 7  8  9 10</pre>

<p><b>11. do...while</b></p>	<pre>#include &lt;iostream&gt; using namespace std; int main () { int i=1; do { cout&lt;&lt;i&lt;&lt;"\t"; i+=1; }while(i&lt;=10); return 0; }</pre>	<pre>1 2 3 4 5 6 7 8 9 10</pre>
<p><b>12. while</b> மடக்கை பயன்படுத்தி 1 முதல் 10 வரை உள்ள எண்களின் தொடர் கூட்டலை வெளியிடும் நிரல் எழுதுக( The sum of 1 to 10 using while loop)</p>	<pre>#include &lt;iostream&gt; using namespace std; int main () { int i=1,sum=0; while(i&lt;=10) { sum=sum+i; i++; } cout&lt;&lt;"The sum of 1 to 10 is "&lt;&lt;sum; return 0; }</pre>	<p>The sum of 1 to 10 is 55</p>
<p><b>13. do-while()</b> மடக்கினைப் பயன்படுத்தி 10 முதல் 1 வரை உள்ள எண்களை வெளியிட நிரல் எழுதுக(display the series 10,9,8,.....,1 using do.while loop)</p>	<pre>#include &lt;iostream&gt; using namespace std; int main () { int n = 10; do { cout&lt;&lt;n&lt;&lt;" "; n--; }while (n&gt;0) ; }</pre>	<p>10, 9, 8, 7, 6, 5, 4, 3, 2, 1,</p>
<p><b>14.go to</b></p>	<pre># include &lt;iostream&gt; using namespace std; int main() { int n=1; jump: { if(n&lt;10) { cout&lt;&lt;n&lt;&lt;"\t"; n+=2; goto jump; } return 0; } }</pre>	<pre>1 3 5 7 9</pre>
<p><b>15.break</b></p>	<pre># include &lt;iostream&gt; using namespace std; int main () { int count = 1; do { cout&lt;&lt; "Count : " &lt;&lt; count &lt;&lt;endl; if( count &gt; 3)</pre>	<pre>Count : 1 Count : 2 Count : 3 Count : 4</pre>

	<pre>{ break; } count ++; }while( count &lt; 20 ); return 0; }</pre>	
16. continue	<pre>#include &lt;iostream&gt; using namespace std; int main() { for (int i = 1; i&lt;= 10; i++) { if (i == 6) continue; else cout&lt;&lt;i&lt;&lt; " "; } return 0; }</pre>	1 2 3 4 5 7 8 9 10
17. ஒரு முழு எண்ணின் தொடர் பெருக்கல(Factorial) கணக்கிடும் C++ நிரல் ஒன்றை எழுதுக	<pre>#include&lt;iostream&gt; using namespace std; int main() { int n; long factorial = 1.0;  cout &lt;&lt; "Enter a positive integer: "; cin &gt;&gt; n;  if (n &lt; 0) cout &lt;&lt; "Error! Factorial of a negative number doesn't exist."; else { for(int i = 1; i &lt;= n; ++i) { factorial *= i; } cout &lt;&lt; "Factorial of " &lt;&lt; n &lt;&lt; " = " &lt;&lt; factorial; }  return 0; }</pre>	Enter a positive integer: 5 Factorial of 5 = 120
18. பிபோனாசி எண் வரிசை(Fibonacci series) (0 1 1 2 3 5 8 ..... ) கண்டறியும் C++ நிரல் ஒன்றை எழுதுக.	<pre>#include &lt;iostream&gt; using namespace std; int main() { int n, t1 = 0, t2 = 1,t3 = 0; cout &lt;&lt; "Enter the number of terms: "; cin &gt;&gt; n; cout &lt;&lt; "Fibonacci Series: "; cout &lt;&lt; t1 &lt;&lt; ", "; cout &lt;&lt; t2 &lt;&lt; ", "; for (int i = 1; i &lt;= n-2; ++i) { t3= t1 + t2; t1 = t2; t2 = t3; cout &lt;&lt; t3 &lt;&lt; ", "; } return 0; }</pre>	Enter the number of terms: 10 Fibonacci Series: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34,

<p>19. A AB ABC ABCD ABCDE ABCDEF</p>	<pre>#include &lt;iostream&gt; #include &lt;conio.h&gt; using namespace std; int main() { int i,j,rows; rows=6; for(i=1; i&lt;=rows; i++){ for(j=1; j&lt;=i; j++){ cout&lt;&lt;((char)(j+64)); } cout&lt;&lt; endl; } getch(); return 0; }</pre>	<p>A AB ABC ABCD ABCDE ABCDEF</p>
<p>20. 5 4 3 2 1 5 4 3 2 5 4 3 5 4 5</p>	<pre>#include&lt;iostream&gt; using namespace std; int main () { int i,j; for(i=1; i&lt;=5; i++) { for(j=5; j&gt;=i; j--) { cout&lt;&lt;j&lt;&lt;" "; } cout&lt;&lt;"\n"; } return 0; }</pre>	<p>5 4 3 2 1 5 4 3 2 5 4 3 5 4 5</p>
<p>21. கொடுக்கப்பட்ட எண்ணின் பெருக்கல் வாய்ப்பாட்டை அச்சிடும் C++ நிரல் ஒன்றை எழுதுக (Multiflication Table)</p>	<pre>#include&lt;iostream&gt; using namespace std; int main() { int n; cout&lt;&lt;"Enter the Table number to print : "; cin&gt;&gt;n; for(int i=1;i&lt;=10;i++) cout&lt;&lt;i&lt;&lt;"x"&lt;&lt;n&lt;&lt;"="&lt;&lt;i*n&lt;&lt;endl; return 0; }</pre>	<p>Enter the Table number to print : 7 1x7=7 2x7=14 3x7=21 4x7=28 5x7=35 6x7=42 7x7=49 8x7=56 9x7=63 10x7=70</p>
<p>22. பின்வரும் எண் தொடரை அச்சிடுவதற்கான நிரல்களை எழுதுக. (a) 1 4 7 10..... 40</p>	<pre>#include&lt;iostream&gt; using namespace std; int main() { for (int i=1; i&lt;=40 ; i+=3) cout &lt;&lt; i&lt;&lt;',' ; return 0; }</pre>	<p>1,4,7,10,13,16,19,22,25,28,31,34,37,40,</p>
<p>23.செயற்கூறு (funtion) example</p>	<pre>#include &lt;iostream&gt; using namespace std; int sum (int x, int y) { return (x + y); } int main () { int a,b ; cout&lt;&lt;"\n Enter Number 1:"; cin&gt;&gt;a; cout&lt;&lt;"\n Enter Number 2:"; cin &gt;&gt;b; cout&lt;&lt;"\n The sum = "&lt;&lt;sum (a,b); }</pre>	<p>Enter Number 1:56 Enter Number 2:45 The sum = 101</p>

<p>24. முன்னியல்புச் செயலுருபுக்கள் (Default Argument)</p>	<pre>#include &lt;iostream&gt; using namespace std; double area(const double r,const double pi=3.14) { return(pi*r*r); } int main () { double rad,res; cout&lt;&lt;"\nEnter Radius :"; cin&gt;&gt;rad; res=area(rad); cout &lt;&lt; "\nThe Area of Circle ="&lt;&lt;res; return 0; }</pre>	<p>Enter Radius :8 The Area of Circle =200.96</p>
<p>25.inline function</p>	<pre>#include &lt;iostream&gt; using namespace std; int sum (int x, int y) { return (x + y); } int main () { int a,b ; cout&lt;&lt;"\n Enter Number 1:"; cin&gt;&gt;a; cout&lt;&lt;"\n Enter Number 2:"; cin &gt;&gt;b; cout&lt;&lt;"\n The sum = "&lt;&lt;sum (a,b); }</pre>	<p>Enter Number 1:56 Enter Number 2:45 The sum = 101</p>
<p>26. வரையெல்லை தெளிவுபடுத்தும் செயற்குறி (Scope resolution operator)</p>	<pre>#include&lt;iostream&gt; using namespace std; int x=45; // Global Variable x int main() { int x = 10; // Local Variable x cout &lt;&lt; "\nValue of global x is " &lt;&lt; ::x; cout &lt;&lt; "\n\nValue of local x is " &lt;&lt; x; return 0; }</pre>	<p>Value of global x is 45 Value of local x is 10</p>
<p>27. C++ மொழியில் 10 மதிப்புகளை உள்ளீடாக பெற்று அதில் ஒற்றை எண்களின் எண்ணிக்கை மற்றும் இரட்டை எண்களின் எண்ணிக்கையை காண்பதற்கான நிரல் (Count odd numbers &amp; Even numbers).</p>	<pre>#include &lt;iostream&gt; using namespace std; int main() { int num[10], even=0, odd=0; for (int i=0; i&lt;10; i++) { cout&lt;&lt; "\n Enter Number " &lt;&lt; i+1 &lt;&lt;"= "; cin&gt;&gt;num[i]; if (num[i] % 2 == 0) ++even; else ++odd; } cout &lt;&lt; "\n There are "&lt;&lt; even &lt;&lt;" Even Numbers"; cout &lt;&lt; "\n There are "&lt;&lt; odd &lt;&lt;" Odd Numbers"; }</pre>	<p>Enter Number 1= 50 Enter Number 2= 51 Enter Number 3= 52 Enter Number 4= 53 Enter Number 5= 54 Enter Number 6= 55 Enter Number 7= 56 Enter Number 8= 57 Enter Number 9= 58 Enter Number 10= 59 There are 5 Even Numbers There are 5 Odd Numbers</p>

<p>28. உள்ளமை பொருளின் பயன்பாட்டை விளக்கும் நிரல் (The use of Local &amp; global Object)</p>	<pre>#include &lt;iostream&gt; using namespace std; class add { int a,b; public: int sum; void getdata() class add { int a,b; public: int sum; void getdata() { a=5; b=10; sum = a+b; } } a1; add a2; int main() { add a3; a1.getdata(); a2.getdata(); a3.getdata(); cout&lt;&lt;a1.sum; cout&lt;&lt;a2.sum; cout&lt;&lt;a3.sum; return 0; }</pre>	<p>151515</p>
<p>29. பொருளுக்கான நினைவக இட ஒதுக்கீட்டை விளக்கும் நிரல்(memory allocation of objects)</p>	<pre># include &lt;iostream&gt; using namespace std; class product { int code, quantity; float price; public: void assignData(); void Print(); }; int main() { product p1, p2; cout&lt;&lt;"\n Memory allocation for object p1 " &lt;&lt;sizeof(p1); cout&lt;&lt;"\n Memory allocation for object p2 " &lt;&lt;sizeof(p2); return 0; }</pre>	<p>Memory allocation for object p1 12 Memory allocation for object p2 12</p>
<p>30. பொருள் இயங்குநிலையில் தொடங்குதல் (Dynamic initialization of objects)</p>	<pre>#include&lt;iostream&gt; using namespace std; class X { int n; float avg; public: X(int p,float q) { n=p; avg=q; }</pre>	<p>Enter the Roll Number 45 Enter the Average 55.5 Roll number:- 45 Average :- 55.5</p>

	<pre> void disp() { cout&lt;&lt;"\n Roll number:- " &lt;&lt;n; cout&lt;&lt;"\n Average :- " &lt;&lt;avg; } }; int main() { int a ; float b; cout&lt;&lt;"\nEnter the Roll Number"; cin&gt;&gt;a; cout&lt;&lt;"\nEnter the Average"; cin&gt;&gt;b; X x(a,b); // dynamic initialization x.disp(); return 0; } </pre>	
<p>31. ஆக்கிகளின் வகைகள் (Types of constructor)</p>	<pre> #include&lt;iostream&gt; using namespace std; class Data { int i, j; public: int k; Data() { cout&lt;&lt;"\n Non Parameterized constructor"; i=0; j=0; } Data(int a,int b) { cout&lt;&lt;"\n Parameterized constructor"; i=a; j=b; } Data(Data &amp;a) { cout&lt;&lt;"\n Copy constructor"; i=a.i; j=a.j; } void display() //member function { cout&lt;&lt;"\n" &lt;&lt; i &lt;&lt;"\t" &lt;&lt;j; } }; int main() { Data d1,d2(10,20),d3(d2); d1.display(); d2.display(); d3.display(); return 0; } </pre>	<p>Non Parameterized constructor  Parameterized constructor  Copy constructor  0 0  10 20  10 20</p>



<p>32. ஆக்கி மற்றும் அழிப்பி EXAMPLE (example of constructor &amp; Destructor)</p>	<pre>#include&lt;iostream&gt; using namespace std; class simple { private: int a, b; public: simple() { a= 0 ; b= 0; cout&lt;&lt; "\n Constructor of class-simple "; } void getdata() { cout&lt;&lt;"\n Enter values for a and b "; cin&gt;&gt;a&gt;&gt;b; } void putdata() { cout&lt;&lt;"\nThe two integers are .. "; cout&lt;&lt;a&lt;&lt;"\t"&lt;&lt;b&lt;&lt;endl; cout&lt;&lt;"\n The sum = "&lt;&lt;a+b; } ~simple() { cout&lt;&lt;"\n Destructor is executed "; } }; int main() { simple s; s.getdata(); s.putdata(); return 0; }</pre>	<p>Constructor of class-simple Enter values for a and b 10 15</p> <p>The two integers are .. 10 15</p> <p>The sum = 25 Destructor is executed</p>
<p>33. செயற்கூறு பணிமிகுப்பு (Function overloading)</p>	<pre>#include &lt;iostream&gt; using namespace std; void print(int i) { cout&lt;&lt; " It is integer " &lt;&lt; i &lt;&lt;endl; } void print(double f) { cout&lt;&lt; " It is float " &lt;&lt; f &lt;&lt;endl;} void print(string c) { cout&lt;&lt; " It is string " &lt;&lt; c &lt;&lt;endl; } int main() { print(10); print(10.10); print("Ten"); return 0; }</pre>	<p>It is integer 10 It is float 10.1 It is string Ten</p>

<p>34. ஆக்கி பணிமிகுப்பு (Constructor overloading)</p>	<pre>#include&lt;iostream&gt; using namespace std; class add { int num1, num2, sum; public: add() { cout&lt;&lt;"\n Constructor without parameters.. "; num1= 0; num2= 0; sum = 0; } add ( int s1, int s2 ) { cout&lt;&lt;"\n Parameterized constructor... "; num1= s1; num2=s2; sum=0; } add (add &amp;a) { cout&lt;&lt;"\n Copy Constructor ... "; num1= a.num1; num2=a.num2; sum = 0; } void getdata() { cout&lt;&lt;"\nEnter data ... "; cin&gt;&gt;num1&gt;&gt;num2; } void addition() { sum=num1+num2; } void putdata() { cout&lt;&lt;"\n The numbers are.."; cout&lt;&lt;num1&lt;&lt;'t'&lt;&lt;num2; cout&lt;&lt;"\n The sum of the numbers are.. "&lt;&lt; sum; } }; int main() { add a, b (10, 20) , c(b); a.getdata(); a.addition(); b.addition(); c.addition(); cout&lt;&lt;"\n Object a : "; a.putdata(); cout&lt;&lt;"\n Object b : "; b.putdata(); cout&lt;&lt;"\n Object c.. "; c.putdata(); return 0; }</pre>	<p>Constructor without parameters.. Parameterized constructor... Copy Constructor ... Enter data ... 15 20</p> <p>Object a : The numbers are..15 20 The sum of the numbers are.. 35 Object b : The numbers are..10 20 The sum of the numbers are.. 30 Object c.. The numbers are..10 20 The sum of the numbers are.. 30</p>
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<p>35. செயற்குறி பணிமிகுப்பு (operator overloading)</p>	<pre>#include&lt;iostream&gt; using namespace std; class complex { int real,img; public: void read() { cout&lt;&lt;"\nEnter the REAL PART : "; cin&gt;&gt;real; cout&lt;&lt;"\nEnter the IMAGINARY PART : "; cin&gt;&gt;img; } complex operator +(complex c2) { complex c3; c3.real=real+c2.real; c3.img=img+c2.img; return c3; } void display() { cout&lt;&lt;real&lt;&lt;"+"&lt;&lt;img&lt;&lt;"i"; } }; int main() { complex c1,c2,c3; int choice, cont; cout&lt;&lt;"\n\nEnter the First Complex Number"; c1.read(); cout&lt;&lt;"\n\nEnter the Second Complex Number"; c2.read(); c3=c1+c2; // binary + overloaded cout&lt;&lt;"\n\nSUM = "; c3.display(); return 0; }</pre>	<p>Enter the First Complex Number Enter the REAL PART : 3  Enter the IMAGINARY PART : 4  Enter the Second Complex Number Enter the REAL PART : 5  Enter the IMAGINARY PART : 8  SUM = 8+12i</p>
<p>36. எடுத்துக்காட்டு: ஒரு வழி மரபரிமம் (Single inheritance)</p>	<pre># include &lt;iostream&gt; using namespace std; class student //base class { private : char name[20]; int rno; public: void acceptname() { cout&lt;&lt;"\n Enter roll no and name .. "; cin&gt;&gt;rno&gt;&gt;name; } void displayname() { cout&lt;&lt;"\n Roll no :-"&lt;&lt;rno; cout&lt;&lt;"\n Name :-"&lt;&lt;name&lt;&lt;endl; } }</pre>	<p>Enter roll no and name .. 12101 KUMAR  Enter lang,eng,phy,che,csc,mat marks.. 99 97 52 65 89 95 90  Roll no :-12101 Name :-KUMAR  Marks Obtained Language.. 99 English .. 97 Physics .. 52 Chemistry.. 65 Comp.sci.. 89 Maths .. 95</p>

	<pre> }; class exam : public student //derived class with single base class { public: int mark1, mark2 ,mark3,mark4,mark5,mark6,total; void acceptmark() { cout&lt;&lt;"\n Enter lang,eng,phy,che,csc,mat marks.. "; cin&gt;&gt;mark1&gt;&gt;mark2&gt;&gt;mark3&gt;&gt;mark4&gt;&gt;m ark5&gt;&gt;mark6; } void displaymark() { cout&lt;&lt;"\n\t\t Marks Obtained "; cout&lt;&lt;"\n Language.. "&lt;&lt;mark1; cout&lt;&lt;"\n English .. "&lt;&lt;mark2; cout&lt;&lt;"\n Physics .. "&lt;&lt;mark3; cout&lt;&lt;"\n Chemistry.. "&lt;&lt;mark4; cout&lt;&lt;"\n Comp.sci.. "&lt;&lt;mark5; cout&lt;&lt;"\n Maths .. "&lt;&lt;mark6; } }; int main() { exam e1; e1.acceptname(); //calling base class function using derived class object e1.acceptmark(); e1.displayname(); //calling base class function using derived class object e1.displaymark(); return 0; } </pre>	
<p>37. ஆக்கிகள், அழிப்பிகள் வரிசைமுறை (The order of constructor &amp; Destructor)</p>	<pre> #include&lt;iostream&gt; using namespace std; class base { public: base() { cout&lt;&lt;"\n Constructor of base class..."; } ~base() { cout&lt;&lt;"\n Destructor of base class.... "; } }; class derived:public base { public : derived() { cout &lt;&lt; "\n Constructor of derived ..."; } ~derived() { cout &lt;&lt; "\n Destructor of derived ..."; } } </pre>	<p>Constructor of base class... Constructor of derived ... Constructor of derived1 ... Destructor of derived2 ... Destructor of derived ... Destructor of base class...</p>

	<pre>}; class derived1 :public derived { public : derived1() { cout &lt;&lt; "\n Constructor of derived1 ..."; } ~derived1() { cout &lt;&lt; "\n Destructor of derived2 ..."; } }; int main() { derived1 x; return 0; }</pre>	
<p>38.பின்வரும் எண் தொடரை அச்சிடுவதற்கான நிரல்களை எழுதுக. 1 3 5 7..... 75 June 2019</p>	<pre>#include&lt;iostream&gt; using namespace std; int main() { for (int i=1; i&lt;=75 ; i+=2) cout &lt;&lt; i&lt;&lt;' ' ; return 0; }</pre>	<p>1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75</p>
<p>39. பின்வரும் எண் தொடரை அச்சிடுவதற்கான நிரல்களை எழுதுக. (While loop) 5,10,15,20,.....50, Mar - 2019</p>	<pre>#include&lt;iostream&gt; using namespace std; int main() { int i=5; while(i&lt;=50) { cout &lt;&lt;i&lt;&lt;" , " ; i=i+5; } return 0; }</pre>	<p>5 ,10 ,15 ,20 ,25 ,30 ,35 ,40 ,45 ,50 ,</p>
<p>40. பின்வரும் எண் தொடரை அச்சிடுவதற்கான நிரல்களை எழுதுக (for loop) 21 22 23 24 25.....30 sep -2021</p>	<pre>#include&lt;iostream&gt; using namespace std; int main() { int i; for(i=21;i&lt;=30;i++) cout &lt;&lt;i&lt;&lt;" " ; return 0; }</pre>	<p>21 22 23 24 25 26 27 28 29 30</p>

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