

www.Padasalai.Net - 12TH COMPUTER APPLICATION

PHP program questions

Example:

```
$a=5; $b=10;  
$a_1="Computer Application"  
$c=$a+$b;  
echo $c;
```

OUTPUT: 15

Example:

```
<?php  
$x = "Computer Application!";  
$y = 'Computer Application';  
echo $x;  
echo "<br>";  
echo $y;  
?>
```

**OUTPUT: Computer Application!
Computer Application**

Example:

```
<?php  
$x = 59135;  
var_dump($x);  
?>
```

OUTPUT: int (59135)

Example:

```
<?php  
$x = 19.15;  
var_dump($x);  
?>
```

OUTPUT: float (19.15)

Example:

```
<?php  
$x = true;  
$y = false;  
echo $x;  
echo $y;  
?>
```

OUTPUT: True false

Example:

```
<?php
$scars = array("Computer","Laptop","Mobile");
var_dump($scars);
?>
```

OUTPUT:

```
array(3) { [0]=> string(8) "Computer " [1]=> string(6)
    "Laptop " [2]=> string(6) "Mobile " }
```

```
<?php
class School
{
function marks()
{ $this->sec = "A";
}
} // create an object $school_obj = new School (); // show object
properties echo $school_obj ->sec;
?>
```

```
<?php
$x = "COMPUTER APPLICATION!";
$x = null;
var_dump($x);
?>
```

OUTPUT: NULL

```
<?php
// Open a file for reading
$handle = fopen("note.txt", "r");
var_dump($handle);
echo "<br>";
// Connect to MySQL database server with default setting
$link = mysql_connect("localhost", "root", "");
var_dump($link);
?>
```

Example:

```
<?php
function insertMsg()
{
echo "Student Details Inserted Successfully!";
}
insertMsg(); // call the function
?>
```

OUTPUT:

"Student details inserted successfully!"

Example 1:

The following example has a function with one Argument (\$sname):

```
<?php
function School_Name($sname)
{
echo $sname."in Tamilnadu.<br>";
}
School_Name ("Government Higher Secondary School Madurai");
School_Name ("Government Higher Secondary School Trichy");
School_Name ("Government Higher Secondary School Chennai");
School_Name ("Government Higher Secondary School Kanchipuram");
School_Name ("Government Higher Secondary School Tirunelveli");
?>
```

OUTPUT:

Government Higher Sec. School Madurai in Tamil Nadu
Government Higher Sec. School Trichy in Tamil Nadu
Government Higher Sec. School Chennai in Tamil Nadu
Government Higher Sec. School Kanchipuram in Tamil Nadu
Government Higher Sec. School Tirunelveli in Tamil Nadu

Example 2:

The following example has a function with two arguments (\$sname and \$Strength):

```
<?php
function School_Name($sname,$Strength)
{
echo $sname."in Tamilnadu and Student Strength is".$Strength;
}
School_Name ("Government Higher Secondary School Madurai",200);
School_Name ("Government Higher Secondary School Trichy",300);
School_Name ("Government Higher Secondary School Chennai",250);
School_Name ("Government Higher Secondary School Kanchipuram",100);
School_Name ("Government Higher Secondary School Tirunelveli",200);
?>
```

OUTPUT:

Government Higher Sec. School Madurai in Tamil Nadu and Student strength is 200

Government Higher Sec. School Trichy in Tamil Nadu and student strength is 300

Government Higher Sec. School Chennai in Tamil Nadu and student strength is 250

Government Higher Sec. School Kanchipuram in Tamil Nadu and Student strength is 100

Government Higher Sec. School Tirunelveli in Tamil Nadu and student strength is 200

Example 3:

For a function to return a value, use the return statement

```
<?php
function sum($x, $y)
{
$z = $x + $y;
return $z;
}
echo "5 + 10 = " . sum(5, 10) . "<br>";
echo "7 + 13 = " . sum(7, 13) . "<br>";
echo "2 + 4 = " . sum(2, 4);
?>
```

OUTPUT:

15

20

6

Example:

```
<?php
$teacher_name=array("Iniyan", "Kavin", "Nilani");
echo "The students name are " . $teacher_name[0] . ", " .
$$teacher_name[1] . " and " . $teacher_name[2] . ".";
?>
```

OUTPUT:

The student name are Iniyan, Kavin and Nilani.

Example:

```
<?php
$Marks=array("Student1"=>"35","Student2"=>"17","Student3"=>"43");
echo "Student1 mark is" . $Marks['Student1'] . " is eligible for qualification";
echo "Student2 mark is" . $Marks['Student2'] . " is not eligible for
qualification";
?>
```

OUTPUT:

**Student 1 Mark is 35 is eligible for qualification
Student 2 mark is 17 is not eligible for**

Example:

```
<?php
$student=array
(
array("Iniyan",100,96),
array("Kavin",60,59),
array("Nilani",1313,139)
);
echo $$student[0][0].": Tamil Mark: ".$student [0][1].". English mark: ".$student [0]
[2]."<br>"; echo $$student[1][0].": Tamil Mark: ".$student [1][1].". English mark:
".$student [1] [2]."<br>";
echo $$student[2][0].": Tamil Mark: ".$student [2][1].". English mark: ".$student [2]
[2]."<br>";
?>
```

OUTPUT:

**Iniyan: Tamil Mark: 100, English Mark: 96
Kavin: Tamil Mark: 60, English Mark: 59
Nilani: Tamil Mark: 1313, English Mark: 139**

Example:

```
<?php
$Pass_Mark=35;
$Student_Mark=70;
if ($Student_Mark>= $Pass_Mark)
{
echo "The Student is Eligible for the Promotion";
}
?>
```

OUTPUT:

The student is eligible for promotion

Example:

```
<?php
$Pass_Mark=35;
$Student_Mark=70;
if ($Student_Mark>= $Pass_Mark)
{
echo "The Student is eligible for the promotion";
}
else {
echo "The Student is not eligible for the promotion";
}
?>
```

OUTPUT:

The Student is eligible for the

Example:

```
<?php
$Pass_Mark=35;
$first_class=60;
$Student_Mark=70;
if ($Student_Mark>= $first_class)
{
echo "The Student is eligible for the promotion with First Class";
}
elseif ($Student_Mark>= $Pass_Mark)
{
echo "The Student is eligible for the promotion";
}
else {
echo "The Student is not eligible for the promotion";
}
```

OUTPUT:

**The Student is eligible for the promotion
with first class**

```
}  
?>
```

Example:

```
<?php  
$favcolor = "red";  
switch ($favcolor)  
{  
case "red":  
echo "Your favorite color is red!";  
break;  
case "blue":  
echo "Your favorite color is blue!";  
break;  
case "green":  
echo "Your favorite color is green!";  
break;  
default:  
echo "Your favorite color is neither red, blue, nor green!";  
}  
?>
```

OUTPUT:

Your favourite color is red!

Example:

```
<?php  
for ($i = 0; $i <= 10; $i++)  
{  
echo "The number is: $i<br>";  
}  
?>
```

OUTPUT:

**The number is 0
The number is 1
The number is 2
The number is 3
The number is 4
The number is 5
The number is 6
The number is 7
The number is 8
The number is 9
The number is 10**

Example:

```
<?php
$Student_name = array("Magilan", "Iniyan",
"Nilani", "Sibi", "Shini");
foreach ($Student_name as $value)
{
echo "$value <br>";
}
?>
```

OUTPUT:

```
Magilan
Iniyan
Nilani
Sibi
Shini
```

Example:

```
<?php
$Student_count = 10;
$student_number=1;
while($student_number<= $Student_count)
{
echo "The student number is:
$student_number<br>"; $student_number++;
}
?>
```

OUTPUT:

```
The Student number is 1
The Student number is 2
The Student number is 3
The Student number is 4
The Student number is 5
The Student number is 6
The Student number is 7
The Student number is 8
The Student number is 9
The Student number is 10
```


Example:

```
<?php $Student_count = 10;  
$student_number=1;  
do  
{  
echo "The student number is: $student_number<br>";  
$student_number++;  
}  
while($student_number<= $Student_count)  
?>
```

OUTPUT:

The Student number is 1
The Student number is 1
The Student number is 2
The Student number is 3
The Student number is 4
The Student number is 5
The Student number is 6
The Student number is 7
The Student number is 8
The Student number is 9
The Student number is 10

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