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PHP Logical & Programming Interview Questions

Practice PHP Logical & Programming Interview Questions

Practice here the list of top 10 PHP Programs Asked to write you in your next PHP Interviews for 1 year Php Experience or PHP Fresher.

Q1. Write a program in Php to check whether a number is prime or not?

The program in Php to check whether a number is prime or not is as follows :

```
<?php
function primeCheck($number){
    if ($number == 1)
        return 0;
    for ($i = 2; $i <= $number/2; $i++){
        if ($number % $i == 0)
            return 0;
    }
    return 1;
}
$number = 31;
$flag = primeCheck($number);
if ($flag == 1)
    echo "Prime";
else
    echo "Not Prime"
```

?>

Q2. Write a program to find no of days between two dates in Php?

The program to find no of days between two dates in PHP is as follows:

Let the dates are 25-09-2020 and 31-01-2021

```
<?php
function dateDiffInDays($date1, $date2)
{
    $diff = strtotime($date2) - strtotime($date1);
    return abs(round($diff / 86400));
}
$date1 = "25-09-2020";
$date2 = "31-01-2021";
$dateDiff = dateDiffInDays($date1, $date2);
printf("Difference between two dates: ". $dateDiff . " Days ");
?>
```

Q3. Write a program in PHP to find the occurrence of a word in a string?

The program in PHP to find the occurrence of a word in a string is as follows:

```
<?php
$s1 = "interviewmocks.com is a interview prep site";
$s2 = "interview";
$res = substr_count($s1, $s2);
```

```
echo($res);
```

```
?>
```

Q4. Write a program to upload a file in PHP?

The program to upload a file in PHP is as follows:

```
<?php
```

```
$target_dir = "uploads/";
```

```
$target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);
```

```
$uploadOk = 1;
```

```
$imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));
```

```
if(isset($_POST["submit"])) {
```

```
    $check = getimagesize($_FILES["fileToUpload"]["tmp_name"]);
```

```
    if($check !== false) {
```

```
        echo "File is an image - " . $check["mime"] . ".";
```

```
        $uploadOk = 1;
```

```
    } else {
```

```
        echo "File is not an image.";
```

```
        $uploadOk = 0;
```

```
    }
```

```
}
```

```
?>
```

Q5. Write a program to find a string is palindrome or not?

The program to find a string is palindrome or not is :

```
<?php
function Palindrome($number){
    $temp = $number;
    $new = 0;
    while (floor($temp)) {
        $d = $temp % 10;
        $new = $new * 10 + $d;
        $temp = $temp/10;
    }
    if ($new == $number){
        return 1;
    }
    else{
        return 0;
    }
}
$original = 257752;
if (Palindrome($original)){
    echo "Palindrome";
}
else {
    echo "Not a Palindrome";
}
?>
```

Q6. Write a program to find the factorial of a number in PHP?

The program to find the factorial of a number in PHP is:

```
<?php
function Factorial($number){
    if($number <= 1){
        return 1;
    }
    else{
        return $number * Factorial($number - 1);
    }
}
$number = 20;
$fact = Factorial($number);
echo "Factorial = $fact";
?>
```

Q7. Php Code to find whether a number Armstrong or not?

The Php Code to find whether a number Armstrong or not is :

```
<?php
function armstrongCheck($number){
    $sum = 0;
    $x = $number;
    while($x != 0)
```

```

{
    $rem = $x % 10;
    $sum = $sum + $rem*$rem*$rem;
    $x = $x / 10;
}
if ($number == $sum)
    return 1;
return 0;
}
$number = 153;
$flag = armstrongCheck($number);
if ($flag == 1)
    echo "Yes";
else
    echo "No"
?>

```

Q8. Php Program to generate Fibonacci series?

The Php Program to generate the Fibonacci series is :

```

<?php
function Fibonacci($n){
    $num1 = 0;
    $num2 = 1;
    $counter = 0;

```

```
while ($counter < $n){  
    echo '$num1';  
    $num3 = $num2 + $num1;  
    $num1 = $num2;  
    $num2 = $num3;  
    $counter = $counter + 1;  
}  
}  
$n = 10;  
Fibonacci($n);  
?>
```

Q9. Write a program in PHP to print a table of a number?

The program in PHP to print a table of a number:

```
<?php  
define('a', 9);  
for($i=1; $i<=10; $i++)  
{  
    echo $i*a;  
    echo '<br>';  
}  
?>
```

Q10. Write a program in PHP to reverse a number?

The program in PHP to reverse a number is :

```
<?php
$num = 79658;
$revnum = 0;
while ($num > 1)
{
    $rem = $num % 10;
    $revnum = ($revnum * 10) + $rem;
    $num = ($num / 10);
}
echo "Reverse number of 79658 is: $revnum";
?>
```

Q11. Write a PHP function to convert all null values to blank?

When we are outputting our results into JSON for purpose of web services then It is a good practice to convert all null value to an empty string, below is simple PHP function to convert all null values to blank.

```
function convertNullToBlank($array) {
    foreach ($array as $key => $value) {
        if (is_null($value)) {
            $array[$key] = "";
        }
    }
    return $array;
}
```

Above function takes an array as an argument and converts it all null values to blank.

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