

Lab1 prime number

```
<?php
for($num=1;$num<30;$num++)
{
$count=0;
for($i=1;$i<=$num;$i++)
{
if($num % $i==0) $count++;
}
if($count<3) echo $num. "<br>";
}
```

Lab2 message passing

lab2.php

```
<html>
<body>
welcome : <?php echo $_GET["sname"]?> <br>
your adress is : <?php echo $_GET["add"]?>
</body>
</html>
```

lab2.html

```
<html>
<body>
<form action="lab2.php" method="get">
student name<input type="text" name="sname"> <br>
address <input type="text" name="add"> <br>
<input type="submit">
</form>
</html>
```

```
</body>
```

Lab3 calculator

```
<html>
```

```
<head>
```

```
    <title>Calculator in PHP</title>
```

```
</head>
```

```
<body>
```

```
    <div id="page-wrap">
```

```
        <h1>PHP Simple Calculator Program</h1>
```

```
        <?php
```

```
            $first_num = $_POST['first_num'] ?? '';
```

```
            $second_num = $_POST['second_num'] ?? '';
```

```
            $operator = $_POST['operator'] ?? '';
```

```
            $result = '';
```

```
            if (is_numeric($first_num) && is_numeric($second_num)) {
```

```
                switch ($operator) {
```

```
                    case "add":
```

```
                        $result = $first_num + $second_num;
```

```
                        break;
```

```
                    case "sub":
```

```
                        $result = $first_num - $second_num;
```

```
                        break;
```

```
                    case "mul":
```

```
                        $result = $first_num * $second_num;
```

```
                        break;
```

```
                    case "div":
```

```
                        $result = $second_num != 0 ? $first_num / $second_num : 'Error: Division by zero';
```

```
        break;
    default:
        $result = 'Invalid operation';
        break;
    }
}
?>
```

```
<form method="post">

    <p>

        <input type="number" name="first_num" required value="<?=
htmlspecialchars($first_num) ?>">

        <b>FIRST NUMBER</b>

    </p>

    <p>

        <input type="number" name="second_num" required value="<?=
htmlspecialchars($second_num) ?>">

        <b>SECOND NUMBER</b>

    </p>

    <p>

        <input readonly name="result" value="<?= htmlspecialchars($result) ?>">

        <b>RESULT</b>

    </p>

    <input type="submit" name="operator" value="add">
    <input type="submit" name="operator" value="sub">
    <input type="submit" name="operator" value="mul">
    <input type="submit" name="operator" value="div">

</form>
</div>
```

```
</body>
```

```
</html>
```

Lab4 String function

```
<?php
```

```
$str = "Welcome to Bidea college Vijayapur";
```

```
echo $str . "<br>";
```

```
echo "Length of the string is " . strlen($str) . "<br>";
```

```
echo "Number of words in the string is " . str_word_count($str) . "<br>";
```

```
echo "Reverse string is " . strrev($str) . "<br>";
```

```
echo "Position of 'college' in string is " . strpos($str, 'college') . "<br>";
```

```
$str = str_replace("Vijayapur", "jamakhandi", $str);
```

```
echo "replaced string is " . $str . "<br>";
```

```
echo "Capitalize each word's first char " . ucwords($str) . "<br>";
```

```
echo "To Uppercase " . strtoupper($str) . "<br>";
```

```
echo "To Lowercase " . strtolower($str) . "<br>";
```

```
echo "Substring " . substr($str, 11, 5) . "<br>";
```

```
echo "Repeat string is " . str_repeat($str, 2);
```

```
?>
```

Lab5 good morning

```
<?php
```

```
date_default_timezone_set("Asia/Kolkata");
```

```
$h=date('G');
```

```
if($h>=6 && $h<=11)
```

```
    echo"Good morning";
```

```
elseif($h>=12 && $h<=16)
```

```
echo "Good afternoon";
```

```
elseif($h>=17 && $h<=23)
```

```
echo "Good evening";
```

```
else
```

```
echo "Working late?";
```

```
?>
```

Lab6 Gcd,lcm

```
<?php
```

```
function gcd($a,$b){
```

```
return $b? gcd($b, $a%$b):$a;
```

```
}
```

```
$x=30;
```

```
$y=40;
```

```
echo "gcd of $x and $y is " .($g=gcd($x,$y)). "<br>";
```

```
echo "lcm of $x and $y is " .($x*$y/$g);
```

```
?>
```