

IWP Lab

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**1.**

**HTML:**

```
<html>

<head>

<title>BMI Calculator</title>

</head>

<body>

    <h1><center>BMI CALCULATOR</center></h1>

    <center>

        <form action="bmi.php" method="get">

            Enter weight:

            <input type="number" name="weight" placeholder="Weight in pounds">

            <br><br><br>

            Enter height:

            <input type="number" name="height" placeholder="height in inches">

            <br><br>

            <button type="submit" id="submit">CALCULATE</button>

        </form>
```

</center>

</body>

</html>

**PHP:**

<?php

\$a=\$\_GET["weight"];

\$b=\$\_GET["height"];

\$b1=703\*\$a;

\$b2=\$b\*\$b;

\$bmi=\$b1/\$b2;

if (\$bmi < 18.5)

{

    echo "Underweight!";

}

elseif (\$bmi>18.5 && \$bmi<24.9)

{

    echo "Normal Weight";

}

elseif (\$bmi>25 && \$bmi<29.9)

{

    echo "Overweight";

}

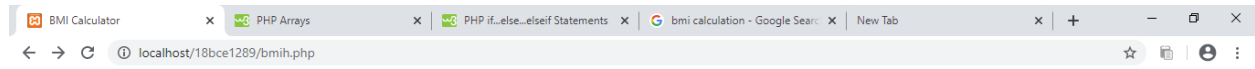
else

{

    echo "Obesity";

}

?>

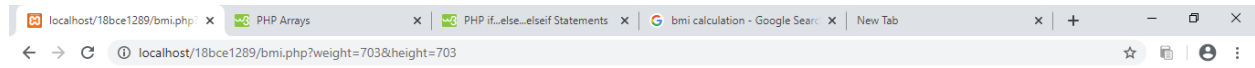


## BMI CALCULATOR

Enter weight:

Enter height:

Activate Windows  
Go to Settings to activate Windows.



Underweight!

Activate Windows  
Go to Settings to activate Windows.



## 2.

### HTML:

```
<html>

<head>

<title>CURRENCY CONVERTOR</title>

</head>

<body>

    <h1><center>CURRENCY CONVERTOR</center></h1>

    <center>

        <form action="curcon.php" method="get">

            Enter VALUE:

            <input type="number" name="value" placeholder="Value in Rs">

            <br><br><br>

            <button type="submit" id="submit">CALCULATE</button>

        </form>

    </center>

</body>

</html>
```

### PHP:

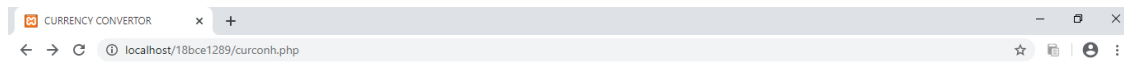
```
<?php

$a=$_GET["value"];

$b=$a*0.014;

    echo "VALUE IN DOLLARS : $b";

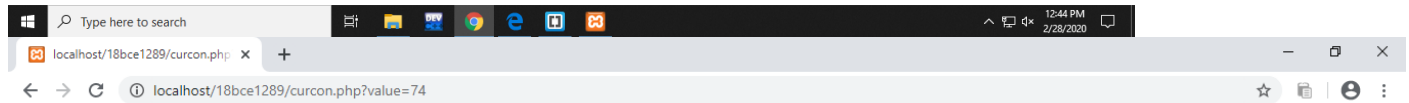
?>
```



## CURRENCY CONVERTOR

Enter weight:

Activate Windows  
Go to Settings to activate Windows.



VALUE IN DOLLARS : 1.036

Activate Windows  
Go to Settings to activate Windows.



3.

PHP:

<?php

```

function insertion_Sort($my_array)
{
    for($i=0;$i<count($my_array);$i++){
        $val = $my_array[$i];
        $j = $i-1;
        while($j>=0 && $my_array[$j] > $val){
            $my_array[$j+1] = $my_array[$j];
            $j--;
        }
        $my_array[$j+1] = $val;
    }
    return $my_array;
}

$test_array = array(3,6,10,1,22,12,15,31);

echo "Original Array :\n";

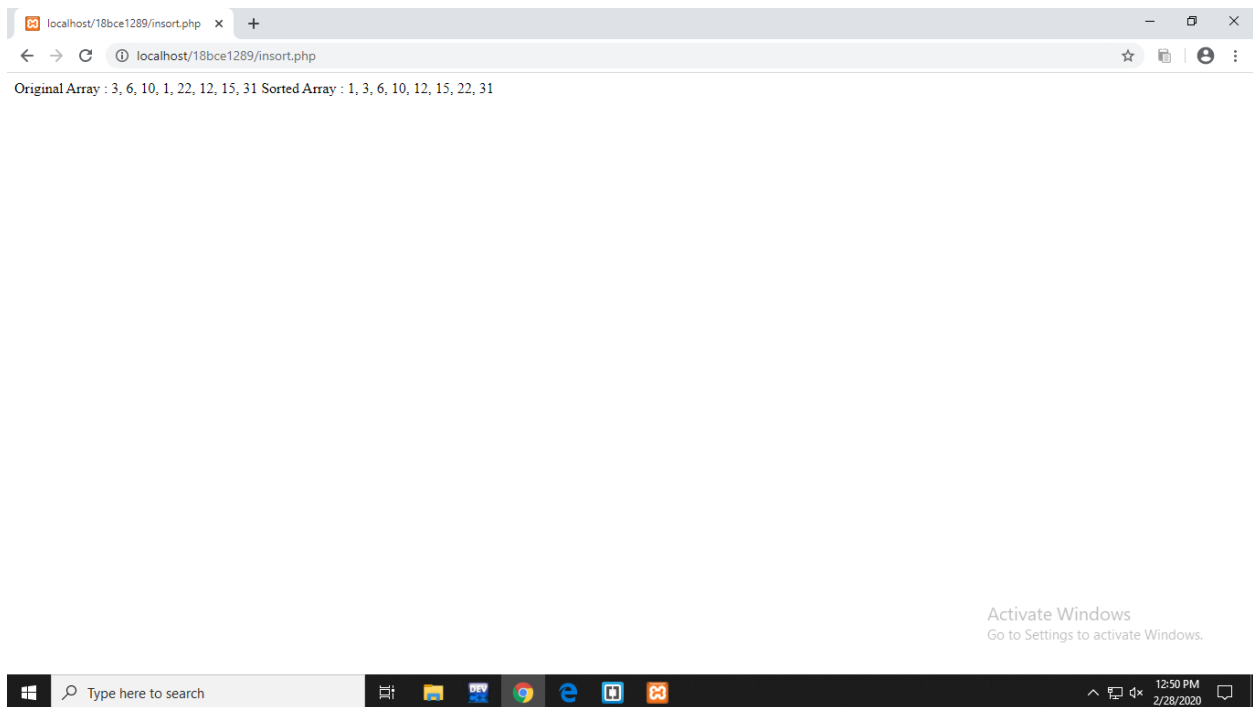
echo implode(' ', $test_array );

echo "\nSorted Array :\n";

echo implode(' ', insertion_Sort($test_array) );

```

?>



4.

**HTML:**

```
<html>
```

```
<head>
```

```
<title>ARMSTRONG</title>
```

```
</head>
```

```
<body>
```

```
  <h1><center>ARMSTRONG</center></h1>
```

```
  <center>
```

```
    <form action="arm.php" method="get">
```

```
      Enter VALUE:
```

```
      <input type="number" name="value" placeholder="Value">
```

```
      <br><br><br>
```

```
      <button type="submit" id="submit">CALCULATE</button>
```

</form>

</center>

</body>

</html>

**PHP:**

<?php

\$n=\$\_GET["value"];

function am(\$n)

{

    \$a=\$n/100;

    \$b1=\$n/10;

    \$b=\$b1%10;

    \$c=\$n%10;

    \$f0=(\$a\*100);

    \$f1=\$f0+(\$b\*10);

    \$f=\$f1+\$c;

    return \$f;

}

\$f=am(\$n);

if (\$f==\$n)

{

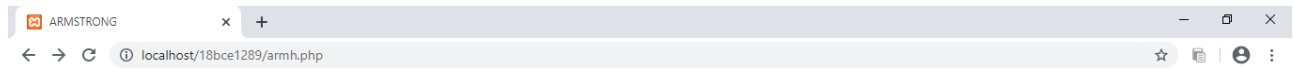
    echo "Armstrong Number!";

}

else



```
{  
    echo "Not Armstrong ";  
}  
?>
```



ARMSTRONG

Enter VALUE: 135

CALCULATE

Activate Windows  
Go to Settings to activate Windows.



Not Armstrong

Activate Windows  
Go to Settings to activate Windows.

