PHP

ASSIGNMENT 1

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ASSIGNMENT 1
SET-A
Q.1 Write a PHP script to display Quotient and Remainder of division of two variables

Ans :
```php
<?php
$num1=22;
$num2=11;
$quotient=$num1%$num2;
$remainder=$num1/$num2;
echo"Remainder of the operation is: ".$remainder;
echo"<br>";
echo"Quotient of the operation is: ".$quotient;
?>
```

Output :

localhost/php_programs/Q.1.php

← → C ⓘ localhost/php_programs/Q.1.php

Remainder of the operation is: 2
Quotient of the operation is: 0

Type here to search

23°C ENG 18:48
11-10-2022

ASSIGNMENT 1
SET-A
Q.2 Write a PHP script to swap the values of two variables.
Ans : `<?php` `$in1=5;` `$in2=10;` `echo"Before swapping values of Input 1: ".$in1;` `echo" ";` `echo"Before swapping values of Input 2: ".$in2;` `echo" ";` `$temp=$in1;` `$in1=$in2;` `$in2=$temp;` `echo" After swapping value of Input 1; ".$in1;` `echo" ";` `echo"After swapping value of Input 2: ".$in2;` `?>`
Output :

localhost/php_programs/Q.2.php +

← → C ⓘ localhost/php_programs/Q.2.php

Before swapping values of Input 1: 5
Before swapping values of Input 2: 10

After swapping value of Input 1; 10
After swapping value of Input 2: 5

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18:52
11-10-2022

ASSIGNMENT 1
SET-A
Q.3 Write a PHP script which will convert temperature from celcius(C) to Farenheit(F). (Hint : C=5.0/9(F-32)
Ans : `<?php` `$temprature=37;` `echo"Temprature in Celcius is: ".$temprature;` `echo" ";` `$farenheit=$temprature*9.0/5+32;` `echo"After conversion of Temprature from Celcius to Farenheit is:".$farenheit;` `?>`
Output :

localhost/php_programs/Q.3.php ×   +

← → C   ① localhost/php_programs/Q.3.php

Temprature in Celcius is: 37
After conversion of Temprature from Celcius to Farenheit is:98.6

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ASSIGNMENT 1
SET-B

Q.1 Write a PHP script to display the surface area and volume of a cuboid.
(Hint : surface area=2(lb+lh+lb), volume=l*b*h)

Ans :
```php
<?php
$length=10;
$breadth=4;
$height=8;
$surface_area=2*($length*$breadth+$length*$height+$breadth*$height);
$volume=$length*$breadth*$height;
echo"Users inputs are:<br>";
echo"Length of a cuboid is: ".$length;
echo"<br>";
echo"Breadth of a cuboid is: ".$breadth;
echo"<br>";
echo"Height of a cuboid is: ".$height;
echo"<br>";
echo"Surface area of a cuboid is: ".$surface_area;
echo"<br>";
echo"Volume of a cuboid is: ".$volume;
?>
```

Output :

localhost/php_programs/S-B(Q.1 × +

← → C ① localhost/php_programs/S-B(Q.1).php

Users inputs are:
Length of a cuboid is: 10
Breadth of a cuboid is: 4
Height of a cuboid is: 8
Surface area of a cuboid is: 304
Volume of a cuboid is: 320
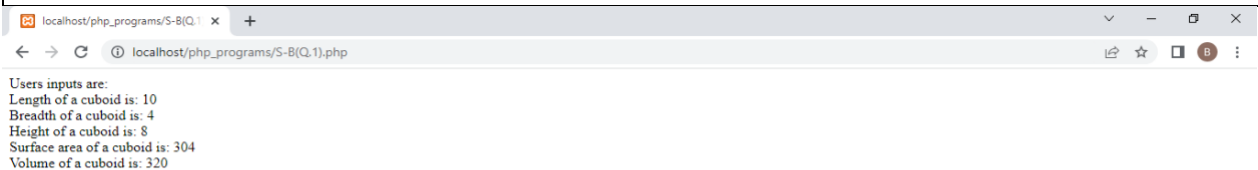
Activate Windows
Go to Settings to activate Windows.

Type here to search
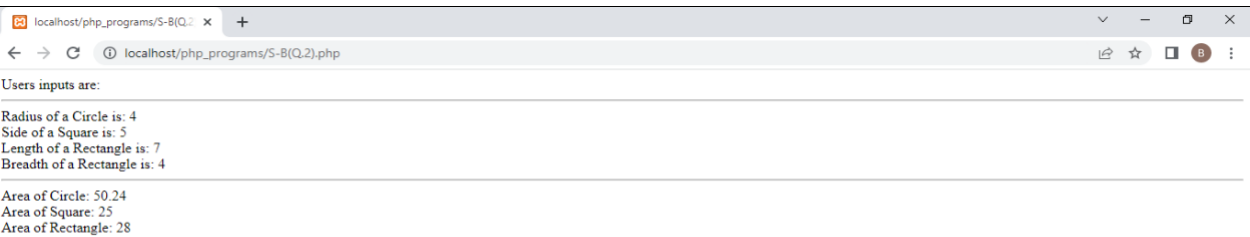23°C ENG 19:02 11-10-2022

ASSIGNMENT 1
SET-B

Q.2 Write a PHP script to calculate the area of Circle, Square, and Rectangle.

Ans :
```php
<?php
$radius=4;
$side=5;
$length=7;
$breadth=4;
$area_of_rectangle=$length*$breadth;
$area_of_square=$side*$side;
$area_of_circle=3.14*$radius*$radius;
echo"Users inputs are:<br>";
echo"<hr>";
echo"Radius of a Circle is: ".$radius;
echo"<br>";
echo"Side of a Square is: ".$side;
echo"<br>";
echo"Length of a Rectangle is: ".$length;
echo"<br>";
echo"Breadth of a Rectangle is: ".$breadth;
echo"<br>";
echo"<hr>";
echo"Area of Circle: ".$area_of_circle;
echo"<br>";
echo"Area of Square: ".$area_of_square;
echo"<br>";
echo"Area of Rectangle: ".$area_of_rectangle;
?>
```

Output :

localhost/php_programs/S-B(Q.2 ×   +

← → C   ⓘ localhost/php_programs/S-B(Q.2).php

Users inputs are:

Radius of a Circle is: 4
Side of a Square is: 5
Length of a Rectangle is: 7
Breadth of a Rectangle is: 4

Area of Circle: 50.24
Area of Square: 25
Area of Rectangle: 28

ASSIGNMENT 1
SET-B

Q.3 Write a PHP script to display the total and percentage of Marks of Subjects (Out of 100) Data Structure, Digital Marketing, PHP, Software Engineering and Big Data.

Ans :
```php
<?php
$data_structure=80;
$php=85;
$digital_marketing=82;
$big_data=93;
$se=95;
$total=500;
$total_marks=$data_structure+$php+$digital_marketing+$big_data+$se;
$percentage=$total_marks/$total*100;
echo"Subjects Marks :";
echo"<hr>";
echo"<ol>";
echo"<li>Data Structure: ".$data_structure; echo"/100";
echo"<br>";
echo"<li>PHP: ".$php; echo"/100";
echo"<br>";
echo"<li>Digital Marketing: ".$digital_marketing; echo"/100";
echo"<br>";
echo"<li>Big Data: ".$big_data; echo"/100";
echo"<br>";
echo"<li>Software Engineering: ".$se; echo"/100";
echo"</ol>";
echo"<hr>";
echo"Total of Marks is: ".$total_marks;
echo"/500";
echo"<br>";
echo"<br>";
echo"Percentage of a Student (out of 100) is:  ".$percentage;
echo"%";
?>
```

Output :

localhost/php_programs/S-B(Q.3).php

Subjects Marks :

1. Data Structure: 80/100
2. PHP: 85/100
3. Digital Marketing: 82/100
4. Big Data: 93/100
5. Software Engineering: 95/100

Total of Marks is: 435/500

Percentage of a Student (out of 100) is: 87%

ASSIGNMENT 1
SET-C

Q.1 Write a PHP script to calculate the total cost of Air Ticket Reservation and display the details for name, address, contact no, source, destination, date of journey, gender of passenger, no of persons, price per ticket etc.

Ans :

```
/*firstly create a form in html and save it using .php extension and then give that form an action link of
another php program and method of GET/POST in which POST/GET method program is Written to call the
inputs from user which are mentioned in the form and also to calculate the total cost of air ticket
reservation.*/
<html>
<head><center><b><font face="Lucida Fax" color="red" size="7">AIR TICKET
RESERVATION</center></font></b></head>
<body>
<form action="input.php" method="POST" target="_self">
<h2><center>APPLICATION FORM</center></h2>
<fieldset>
<legend>Passenger's Information</legend>
<label>Name:</label><br>
<input type="text" placeholder="Enter your Full Name" name="name" required><br><br>
<label>Address:</label><br>
<input type="text" name="address" placeholder="Enter your Address"required><br><br>
<label>Contact No:</label><br>
<input type="text" maxlength="10" name="contact" placeholder="Enter your Contact
no"required><br><br>
<label>Source Station:</label><br>
<select name="source"><br>
 <option value="Kolhapur" name="source">Kolhapur Air Station</option>
 <option value="Kolhapur" name="source">Shrirampur Air Station</option>
 <option value="Kolhapur" name="source">Ganeshnagar Air Station</option>
 <option value="Kolhapur" name="source">Rahata Air Station</option>
 <option value="Kolhapur" name="source">Manmad Air Station</option>
 <option value="Kolhapur" name="source">Nashik Air Station</option>
</select>
<br>
<br>
<label>Destination Station:</label><br>
<input type="text" name="destination" size="30" placeholder="Enter your Destination Bus
Station"required><br><br>
<label>Date of Booking:</label><br>
<input type="date" maxlength="10" name="date" required><br><br>
<label>Date of Journey:</label><br>
<input type="date" name="journey" required><br><br>
<label>No of Passanger:</label><br>
<input type="text" name="value1" placeholder="Enter no of passangers" required><br><br>
<label>Gender:</label>
<input type="radio" name="gender" value="male" required>Male    
<input type="radio" name="gender" value="Female" required>Female<br><br>
<label>Price per Ticket:</label>
<input type="text" name="value2" placeholder="e.g Rs.1000" required><br><br>
```

```html
<input type="submit"
name="btnsubmit">            
<input type="Reset" name="btnreset"><br><br>
<label>(Note: All the Fields must be filled Properly.)</label>
</fieldset>
</form>
</body>
</html>
```

PHP Program :
```php
<?php
 $value1= $_POST['value1'];
 $value2= $_POST['value2'];
$a = $_POST['contact'];
$date= $_POST['journey'];
$gender=$_POST['gender'];
echo"<font face=arno pro caption size=7>";
echo"<center>PASSENGER'S DETAILS...</center>";
echo"<font face=calibri size=4>";
echo"<hr>";
echo"<ul>";
echo"<li>Passenger's Name: ";
echo $_POST['name'];
echo"<br>";
echo"<li>Address: ";
echo $_POST['address'];
echo"<br>";
echo"<li>Contact No: ";
echo $_POST['contact'];
echo"<br>";
echo"<li>Source: ";
echo $_POST['source'];
echo"<br>";
echo"<li>Destination: ";
echo $_POST['destination'];
echo"<br>";
echo"<li>Date of Journey: ";
echo $date;
echo"<br>";
echo"<li>Gender of Passenger: ";
echo $gender;
echo"<br>";
echo"<li>No. of Passengers: ";
echo $_POST['value1'];
echo"<br>";
echo"<li>Price per Ticket: ";
echo $_POST['value2'];
echo"<br> </ul> <hr>";
$total=$value1*$value2;
echo"<center>";
echo"Your Total cost of air ticket Reservation is:  Rs.".$total;
```

```
echo"<br>";
echo"Thank You for Choosing us..!";
echo"<hr>";
echo"<center>";
echo"</center>";
echo"</font>";
?>
```

Output :

OUTPUT 1

OUTPUT 2