Online Summer Internship

Web Development

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1) Create a user defined function in PHP to check whether entered no. is armstrong or not.

```
<!Doctype html>
<html>
<body>
 <form method="post">
 Enter the Number:
  <input type="number" name="number">
  <input type="submit" value="Submit">
  </form>
</body>
</html>
<?php
 if($_POST)
 {
```

```php
//get the number entered

$number = $_POST['number'];

//store entered number in a variable

$num1 = $number;

$sum  = 0;

//run loop till the quotient is 0

while( $num1 != 0 )

{

 $rem   = $num1 % 10; //find reminder

  $sum   = $sum + ( $rem * $rem * $rem ); //cube the reminder and add it to the sum variable till the loop ends

  $num1s   = $num1 / 10; //find quotient. if 0 then loop again

 }

  //if the entered number and $sum value matches then it is an armstrong number

 if( $number == $sum )

 {

  echo "Yes $number an Armstrong Number";

 }else

 {

  echo "$number is not an Armstrong Number";

 }

}
?>
```
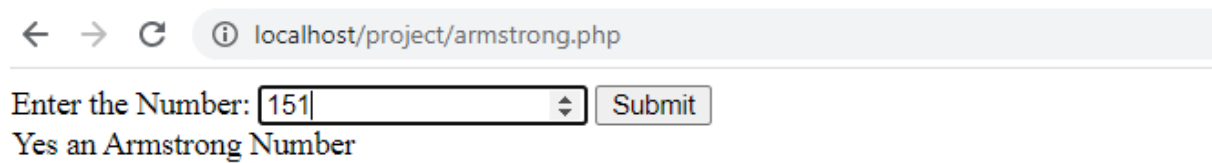
Output:

localhost/project/armstrong.php

Enter the Number: 151   ♦ Submit
Yes an Armstrong Number

2) Create a user defined function in PHP to display fibonacci series.

```php
<html>
<body>
 <form method="post">
  <input type="text" name="Number" >
 <button name="submit">Submit</button>
 </form>
</body>
</html>
<?php
if (isset($_POST['submit'])) {
 $n=$_POST['Number'];
 $number1 = 0;
```

```php
    $number2 = 1;

    echo "Fibonacci Series \n";

    echo $number1.' '.$number2.' ';

    for($i = 2; $i < $n; $i++){

      $number3= $number1 + $number2;

      echo $number3.' ';

      $number1 = $number2;

      $number2 = $number3;


    }
}
?>
```

Output:

Fibonacci Series 0 1 1 2 3 5 8 13 21 34

Q3.

```html
<!DOCTYPE html>

<html lang="en">
```

```html
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>doctor login</title>
    <link rel="stylesheet" href="first.css">
</head>
<body>
    <div class="navbar">
        <img src="heart.png" id="heart">
        <div class="nav">
            <ul>
                <li>
                    <a href="first.html">Home</a>
                    <a href="services.html">Services</a>
                    <a href="doctors.html">Doctors</a>
                    <a href="contact.html">Contact Us</a>
                </li>
            </ul>
        </div>

    </div>
    <div class="text4">
        <form action="log2.php" method="post">
```
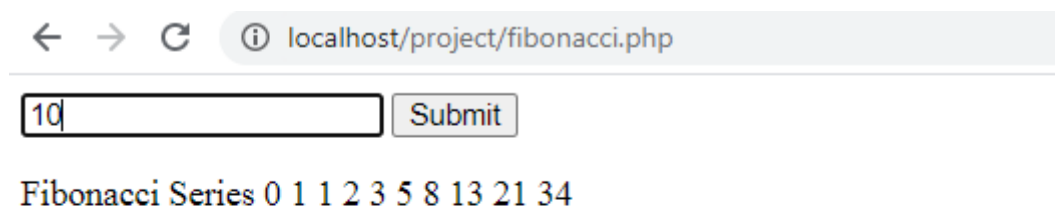
```html
    <h1>Doctors &nbsp Login &nbsp here</h1>

    <input type="text" placeholder="Enter your Email Id"
name="email"><br>

    <input type="text" placeholder="Enter your password"
name="pass"><br>

    <button type="submit" id="submit" name="submit">Submit</button>

  </form>

 </div>

</body>

</html>
```

log2.php

```php
<?php


    include("connection.php");

    error_reporting(0);

    session_start();




    $username = $_POST['email'];

    $password = $_POST['pass'];
```

```php
        $sql = "SELECT * FROM docreg WHERE email LIKE '{$username}' AND
pass LIKE '{$password}' LIMIT 1";

        $result = $mysqli->query($sql);




        if($result->num_rows == 1)  {


                $_SESSION['login_user'] = $username;


header("Location:http://localhost/hospital/appointment.html");




                }


        else  {


                echo "Wrong email or password";
header("Location:http://localhost/hospital/doclog.html");
                }


?>
```
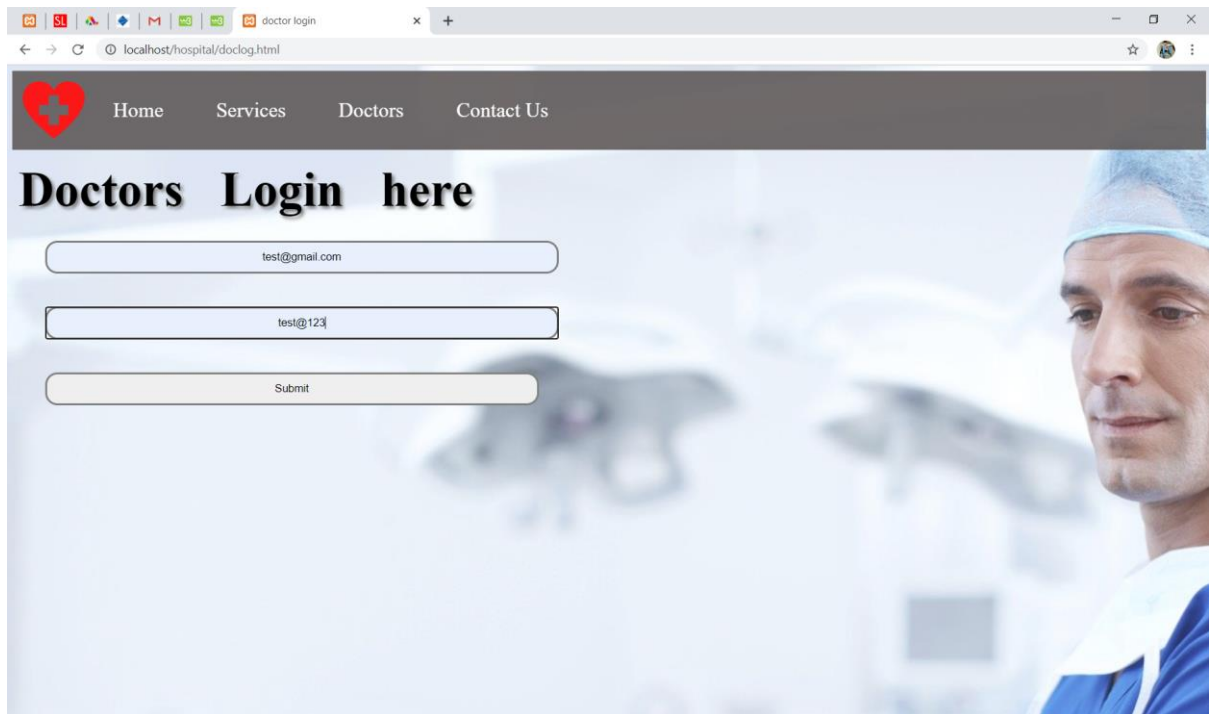
Q4.

Ans.

```php
<?php

    include("connection.php");

    error_reporting(0);

    session_start();

    $username = $_POST['email'];

    $password = $_POST['pass'];
```

```php
        $sql = "SELECT * FROM docreg WHERE email LIKE '{$username}' AND
pass LIKE '{$password}' LIMIT 1";

        $result = $mysqli->query($sql);




        if($result->num_rows == 1)  {


                $_SESSION['login_user'] = $username;


        header("Location:http://localhost/hospital/appointment.html");




                }


        else  {


                echo "Wrong email or password";
header("Location:http://localhost/hospital/doclog.html");
                }


        ?>
```

logout.php

```php
<?php
    session_start();
    if(session_destroy()){
        header("location:http://localhost/hospital/first.html");
    }
?>
```