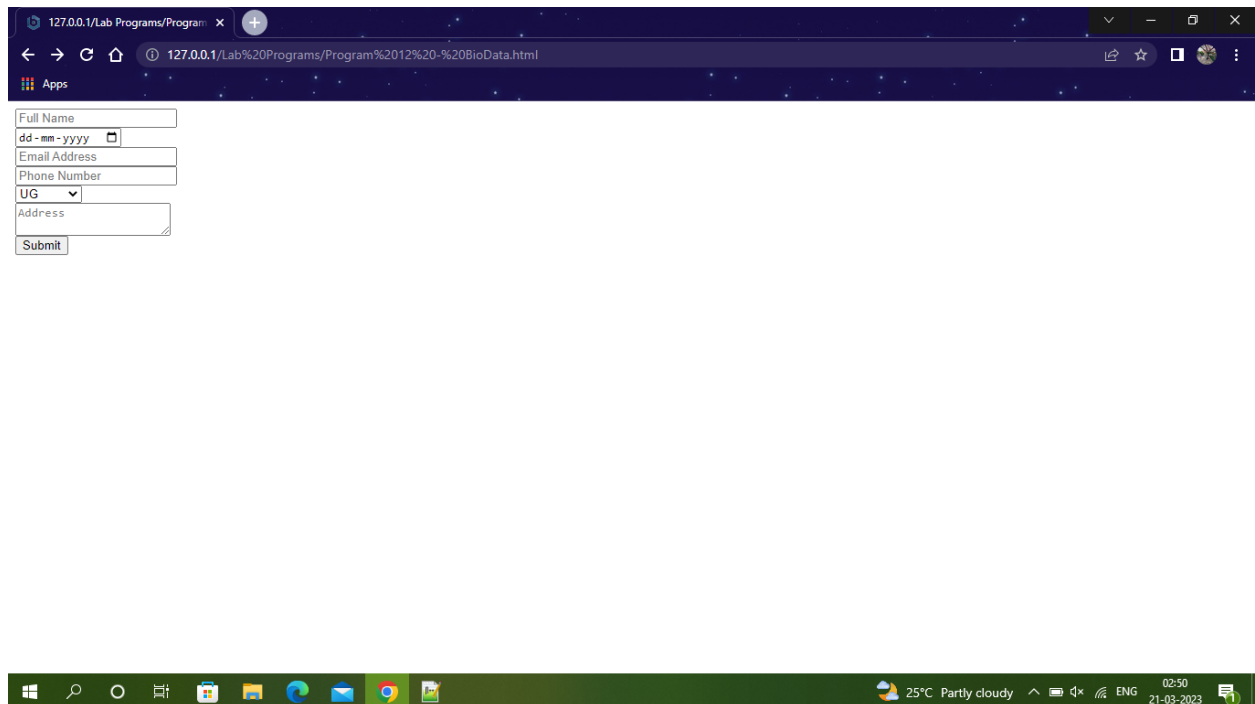


12. Create a PHP program to display the bio data of a person by reading the personal details using an HTML page.



```
<html>
  <body>
    <form action="biodata.php" method="POST">
      <input type="text" name="name" placeholder="Full Name"><br>
      <input type="date" name="dob" placeholder="Date of Birth"><br>
      <input type="email" name="email" placeholder="Email Address"><br>
      <input type="phone" name="phone" placeholder="Phone Number"><br>
      <select name="qualification">
        <option value="UG">UG</option>
        <option value="PG">PG</option>
        <option value="Diploma">Diploma</option>
      </select><br>
      <textarea name="address" placeholder="Address"></textarea><br>
      <input type="submit" value="Submit">
    </form>
  </body>
</html>
```

biodata.php

```
<?php
```

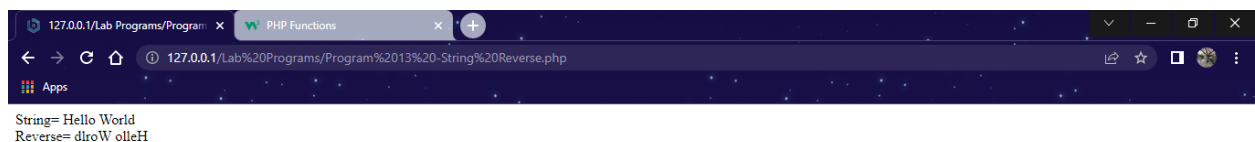
```
    $name=$_POST['name'];
    $email=$_POST['dob'];
    $email=$_POST['email'];
    $phone=$_POST['phone'];
    $qualification=$_POST['qualification'];
    $address=$_POST['address'];
    echo("BIODATA");
    echo("<br>Name: ".$name);
    echo("<br>Date of Birth: ".$dob);
    echo("<br>E-Mail Address: ".$email);
    echo("<br>Phone Number: ".$phone);
    echo("<br>Qualification: ".$qualification);
    echo("<br>Address: ".$address);
```

```
?>
```



13. Write a PHP function to reverse a string

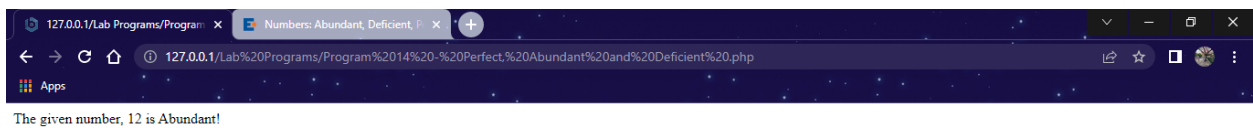
```
<?php
function reversestring()
{
    $string="Hello World";
    $len = strlen($string);
    echo("String= ".$string);
    echo("<br>");
    for ($i=($len-1) ; $i >= 0 ; $i--)
    {
        $reverse = $reverse.$string[$i];
    }
    echo("Reverse= ".$reverse);
}
reversestring();
?>
```



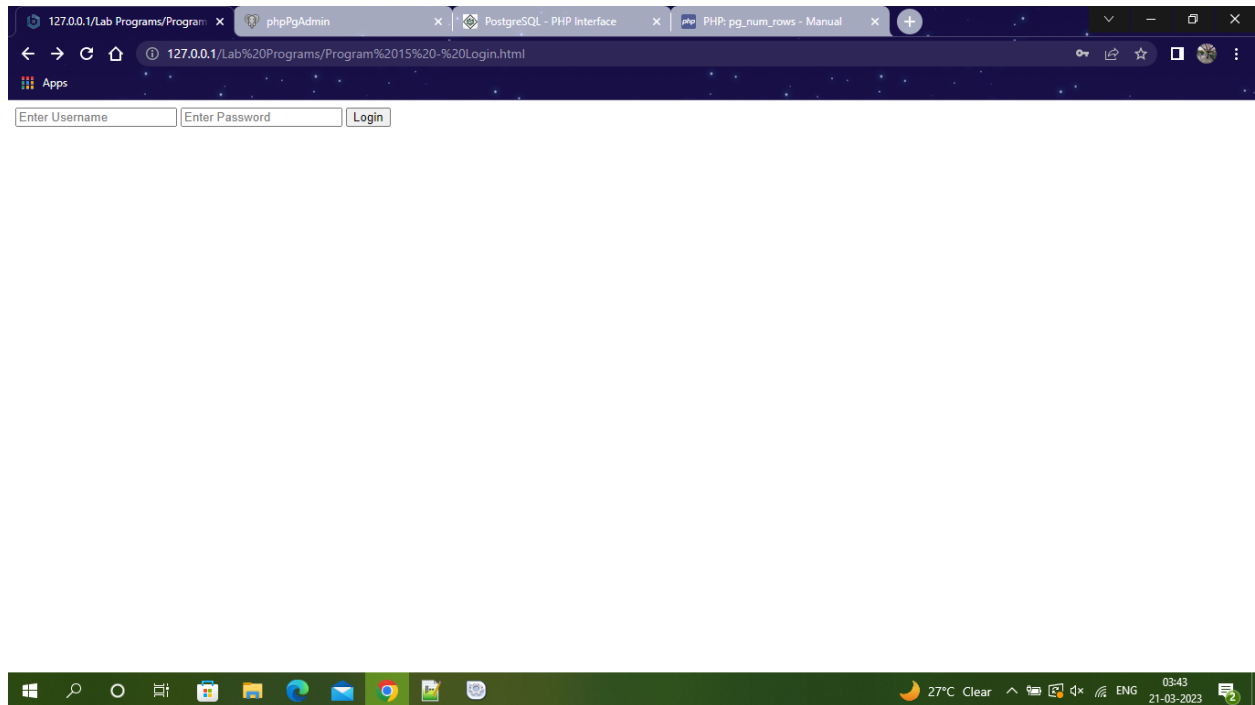
14. Write a PHP program to check whether a given number is perfect, abundant or deficient.

```
<?php
    $number=12;
    $sum=0;
    for($i=1;$i<$number;$i++)
    {
        if($number%$i==0)
            $sum=$sum+$i;
    }
    if($sum==$number)
        echo("The given number, ".$number." is Perfect!");
    else if($sum>$num)
        echo("The given number, ".$number." is Abundant!");
    else
        echo("The given number, ".$number." is Deficient!");

?>
```



15. Create a login page using database.



```
<html>
  <body>
    <form action="login.php" method="POST">
      <input type="text" placeholder="Enter Username" name="user">
      <input type="password" placeholder="Enter Password" name="pass">
      <input type="submit" value="Login">
    </form>
  </body>
</html>
```

login.php

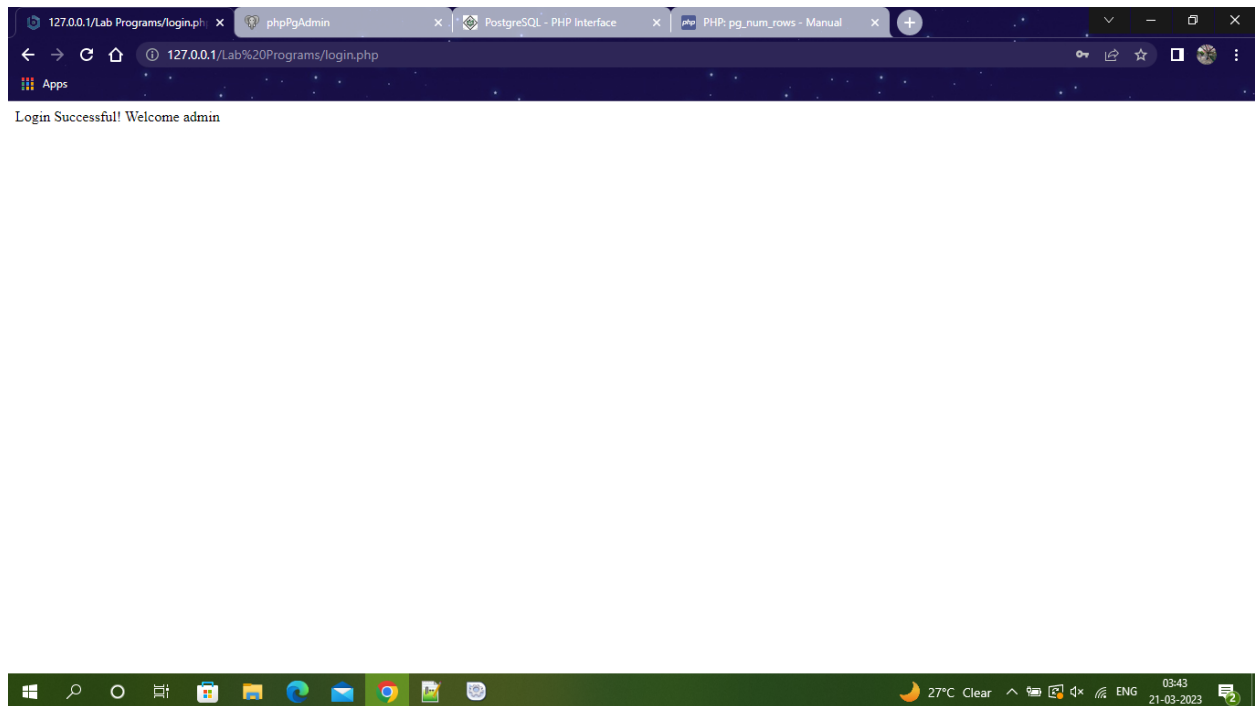
```
<?php
$username=$_POST['user'];
$password=$_POST['pass'];

$host      = "host=127.0.0.1";
$port      = "port=5432";
$dbname     = "dbname = postgres";
$credentials = "user = postgres password=root";

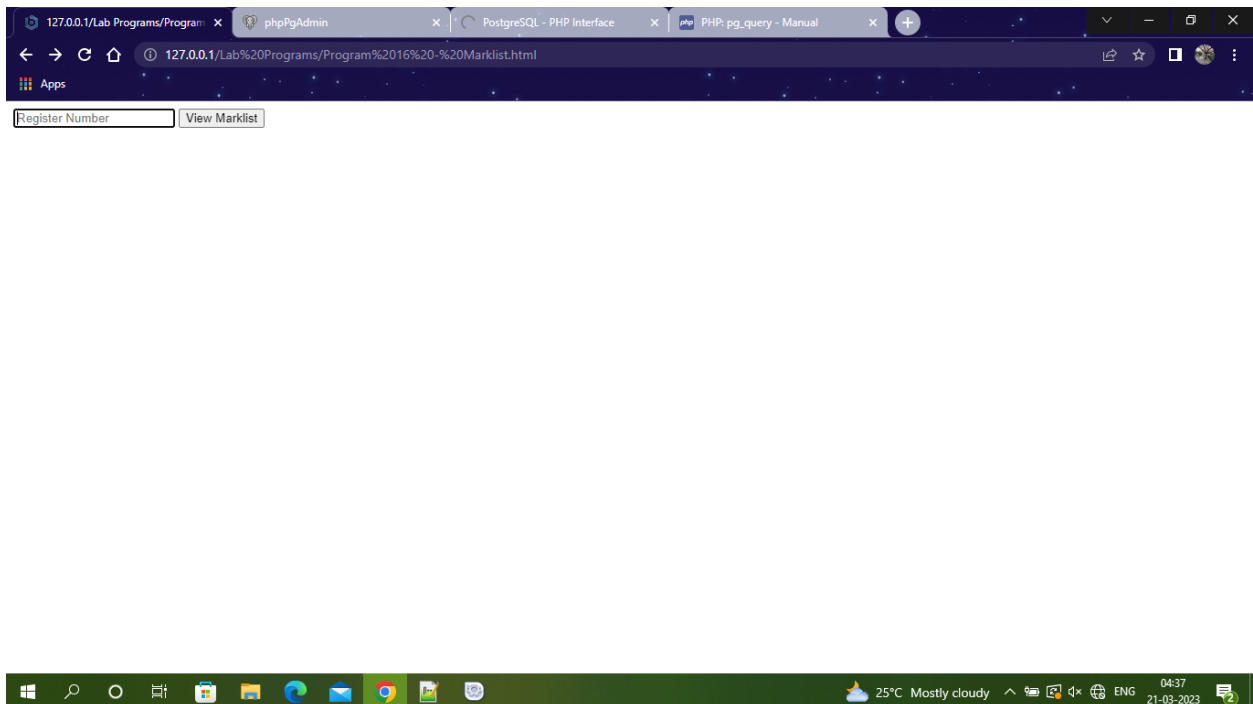
$db = pg_connect( "$host $port $dbname $credentials");
```

```
$query="select * from login where username='".$username.'" and  
password='".$password.'";  
$result = pg_query($db, $query);  
$rows = pg_num_rows($result);  
if($rows)  
    echo("Login Successful! Welcome ".$username);  
else  
    echo("Please try again. Username or Password incorrect.");  
pg_close($db);
```

?>



16. Create a table student with fields roll no, name, mark, grade. Insert some records in the table. Write a PHP program to display the mark list of a student by accepting the register no of the student.



```
<html>
  <body>
    <form action="marklist.php" method="POST">
      <input type="text" placeholder="Register Number" name="rollno">
      <input type="submit" value="View Marklist">
    </form>
  </body>
</html>
```

marklist.php

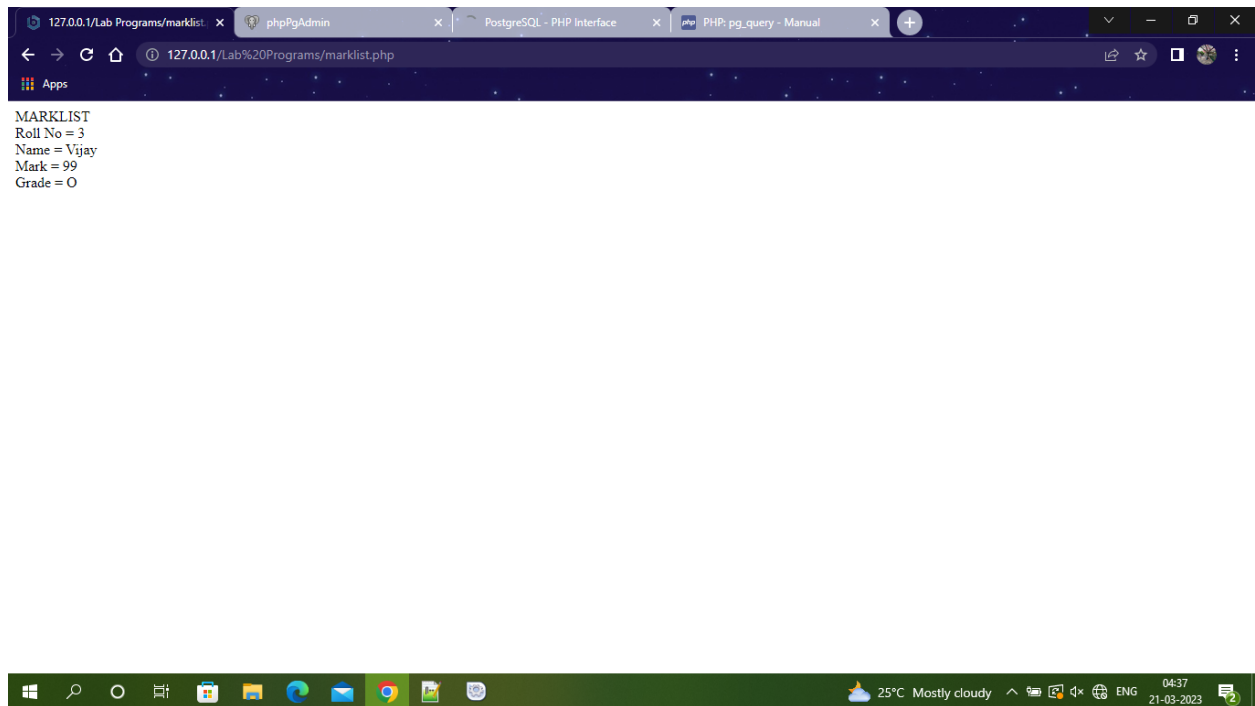
```
<?php
    $rollno=$_POST['rollno'];

    $host      = "host=127.0.0.1";
    $port      = "port=5432";
    $dbname    = "dbname = postgres";
    $credentials = "user = postgres password=root";

    $db = pg_connect( "$host $port $dbname $credentials");
    $sql ="SELECT * from student where rollno='".$rollno."'";
    $ret = pg_query($db, $sql);
```

```
while($row = pg_fetch_row($ret)) {  
    echo("MARKLIST<br>");  
    echo ("Roll No = ". $row[0] . "<br>");  
    echo ("Name = ". $row[1] . "<br>");  
    echo ("Mark = ". $row[2] . "<br>");  
    echo ("Grade = ".$row[3]);  
}  
pg_close($db);
```

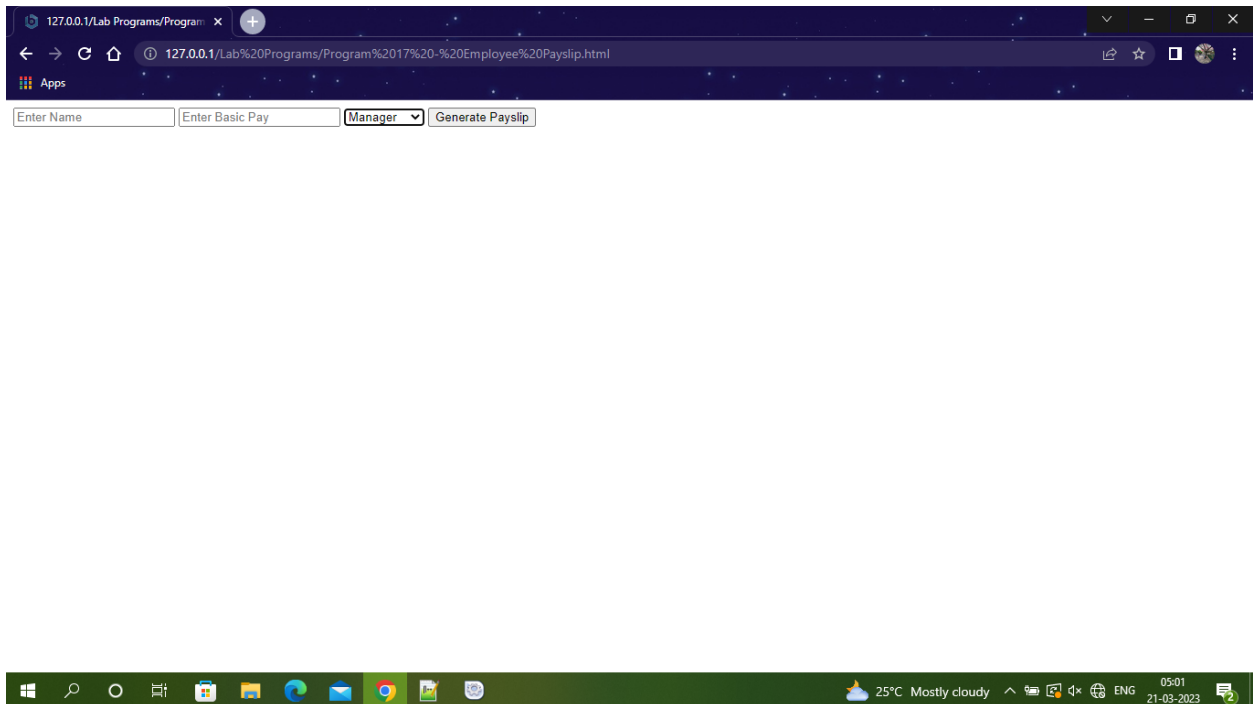
?>





17. Write a PHP application to generate the pay slip of an employee by accepting name, basic salary and designation. The net salary will be calculated based on the following conditions.

Designation	conveyance extra allowance	Income tax
Manager	1000	Gross upto 2500 0 Gross upto 4000 3% Gross upto 5000 5% Gross >5000 8%
Supervisor	750	
Clerk	500	
Peon	250	
HRA – 25 %		Gross= basic + HRA + conveyance + extra Net = Gross – Income tax



```
<html>
  <body>
    <form action="payslip.php" method="POST">
      <input type="text" placeholder="Enter Name" name="name">
      <input type="text" placeholder="Enter Basic Pay" name="pay">
      <select name="designation">
        <option value="Manager">Manager</option>
        <option value="Supervisor">Supervisor</option>
        <option value="Clerk">Clerk</option>
        <option value="Peon">Peon</option>
      </select>
```

```
        <input type="submit" value="Generate Payslip">
    </form>
</body>
</html>
```

payslip.php

```
<?php
    $name=$_POST['name'];
    $pay=$_POST['pay'];
    $desig=$_POST['designation'];
    if($desig=="Manager")
    {
        $conveyance=1000;
        $allowance=500;
    }
    else if($desig=="Supervisor")
    {
        $conveyance=750;
        $allowance=200;
    }
    else if($desig=="Clerk")
    {
        $conveyance=500;
        $allowance=100;
    }
    else if($desig=="Peon")
    {
        $conveyance=250;
        $allowance=0;
    }
    $hr=0.25*$pay;
    $gross=$pay+$hr+$conveyance+$allowance;
    if($gross<2500)
        $it= 0;
    else if($gross<4000)
        $it=0.03*$gross;
    else if($gross<5000)
        $it=0.05*$gross;
    else
        $it=0.08*$gross;
    $net=$gross-$it;
    echo("PAYSLIP<br>");
```

```
echo("<br>Name: ".$name);  
echo("<br>Designation: ".$desig);  
echo("<br>Basic Pay: ".$pay);  
echo("<br>Conveyance: ".$conveyance);  
echo("<br>Allowance: ".$allowance);  
echo("<br>HR Allowance: ".$hr);  
echo("<br>Gross Salary: ".$gross);  
echo("<br>Income Tax: ".$it);  
echo("<br>Net Salary: ".$net);
```

?>

