

```
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hema_char_mi outtree_hemo_pari_char outtree_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas.mdx database.php dbms.php studentdetails.php
112 {
113     echo 'You Passed in First Division.<br><br><br>';
114 }
115 elseif (($percent>=40) && ($percent<70))
116 {
117     echo 'You Passed in Second Division.<br><br><br>';
118 }
119 elseif (($percent>=33) && ($percent<40))
120 {
121     echo 'You Passed in Third Division.<br><br><br>';
122 }
123 else
124 {
125     echo 'You have Failed in This Exam.<br><br>';
126 }
127 -?>
128
129 </h2>
130 </div>
131
132
133 <?php
134 $fname=$_POST["stuname"];
135 $phnos=$_POST["phno"];
136 $rollno=$_POST["rollno"];
137 $s1=$_REQUEST["s1"];
138 $s2=$_REQUEST["s2"];
139 $s3=$_REQUEST["s3"];
140 $s4=$_REQUEST["s4"];
141
142 $s2=$_REQUEST["s2"];
143 $s3=$_REQUEST["s3"];
144 $s4=$_REQUEST["s4"];
145 $s5=$_REQUEST["s5"];
146 $s6=$_REQUEST["s6"];
147 $tot=$s1+$s2+$s3+$s4+$s5+$s6;
148 $percent=$tot*100/600;
149
150 $conn = new mysqli('localhost','root','','StudentDetails');
151 if ($conn->connect_error)
152 {
153     die("Connection failed: " . $conn->connect_error);
154 }
155 $sql = "INSERT INTO MyStudents (RollNo, fullname, PhoneNo, Percentage)
156 VALUES ('$rollno', '$fname', '$phnos', '$percent')";
157 if ($conn->query($sql) === FALSE)
158 {
159     echo "Error: " . $sql . "<br>" . $conn->error;
160 }
161 $conn->close();
162 -?>
163 </body>
164 </html>
165
166
PHP Hypertext Preprocessor file length: 2,998 lines: 166 Ln: 26 Col: 26 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
Type here to search
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hema_char_mi outtree_hemo_pari_char outtree_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas.mdx database.php dbms.php studentdetails.php
138 $s2=$_REQUEST["s2"];
139 $s3=$_REQUEST["s3"];
140 $s4=$_REQUEST["s4"];
141 $s5=$_REQUEST["s5"];
142 $s6=$_REQUEST["s6"];
143 $tot=$s1+$s2+$s3+$s4+$s5+$s6;
144 $percent=$tot*100/600;
145
146
147 $conn = new mysqli('localhost','root','','StudentDetails');
148
149 if ($conn->connect_error)
150 {
151     die("Connection failed: " . $conn->connect_error);
152 }
153
154 $sql = "INSERT INTO MyStudents (RollNo, fullname, PhoneNo, Percentage)
155 VALUES ('$rollno', '$fname', '$phnos', '$percent')";
156
157 if ($conn->query($sql) === FALSE)
158 {
159     echo "Error: " . $sql . "<br>" . $conn->error;
160 }
161
162 $conn->close();
163
164 -?>
165 </body>
166 </html>
167
168
PHP Hypertext Preprocessor file length: 2,998 lines: 166 Ln: 26 Col: 26 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
Type here to search
```

B) dbms.php

The screenshot shows a Notepad++ editor window with the title bar "C:\xampp\htdocs\dbms.php - Notepad++". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, and Window. The toolbar contains various icons for file operations and development tools. The editor displays a PHP script with the following code:

```
1 <?php
2
3
4 $conn = new mysqli('localhost', 'root', '');
5
6 if ($conn->connect_error)
7 {
8     die("Connection failed: " . $conn->connect_error);
9 }
10
11 $sql = "CREATE DATABASE StudentDetails";
12 if ($conn->query($sql) === FALSE)
13 {
14     echo "Error creating database: " . $conn->error;
15 }
16
17 $conn = new mysqli('localhost', 'root', '', 'StudentDetails');
18
19
20 if ($conn->connect_error) {
21     die("Connection failed: " . $conn->connect_error);
22 }
23
24
25 $sql = "CREATE TABLE MyStudents (
26     RollNo INT(10) PRIMARY KEY,
27     fullname VARCHAR(50) NOT NULL,
28     PhoneNo VARCHAR(30) NOT NULL,
29     Percentage VARCHAR(5)
30 );";
```

The status bar at the bottom indicates "PHP Hypertext Preprocessor file", "length: 691 lines: 35", "Ln: 20 Col: 28 Sel: 0 | 0", "Windows (CR LF)", "UTF-8", and "INS". The Windows taskbar is visible at the bottom with the search bar and several application icons.

C) studentdetails.php

```
C:\xampp\htdocs\studentdetails.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outlife_hema_char_mi outtree_hemo_pari_char outlife_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas mdsx database.php dms.php studentdetails.php
1 <!DOCTYPE html>
2 <html>
3 <head><title>Student Details Form</title>
4 <body>
5 <marquee>Please fill the students detail form</marquee>
6 </body>
7 <div style="background-image: url('C:\Users\Prasad\Downloads\pic.jpg');">
8 <style>
9 body
10 {
11 background-color: white;
12 color: black;
13 font-size: 16px;
14 }
15
16 .forms {
17 background-image: url("https://image.freepik.com/free-vector/abstract-pastel-watercolor-texture-background_10126-978.jpg");
18 background-size: cover;
19 background-repeat: no-repeat;
20 background-position: fixed;
21 background-attachment: fixed;
22 }
23 </style>
24 </head>
25
26 <body>
27 <center>
28 <h1>Student Details</h1>
29 </center>
30
31 <div class="forms">
32 <form name="frmd" method="post" action="database.php">
33 <center><br><b>
34 Student's Name: <input type="text" name="stuname" size=25><br><br>
35 Student's Roll No.: <input type="text" name="rollno" size=25>
36 <br>
37 <br>
38 Phone No: <input type="text" name="phno">
39 <br><br><br>
40 Student's Address: <textarea type="text" name="stuadd" rows=3>
41 </textarea><br><br>
42
43
44 Select your course:
45 <input type="radio" name="course" value="Mass Media">Mass Media
46 <input type="radio" name="course" value="Mass Communication">Mass Communication
47 <input type="radio" name="course" value="Literature">Literature
48 <input type="radio" name="course" value="Art & Science">Art & Science
49
50 <br><br><br><br><br>
51 Select your favourite subject:
52 <input type="checkbox" name="sub[]" value="English">English
53 <input type="checkbox" name="sub[]" value="Craft">Craft
54 <input type="checkbox" name="sub[]" value="Geography">Geography
55 <input type="checkbox" name="sub[]" value="History">History
56 <input type="checkbox" name="sub[]" value="Computer">Computer
57
58 </div>
59 </body>
60 </html>
```

```
C:\xampp\htdocs\studentdetails.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outlife_hema_char_mi outtree_hemo_pari_char outlife_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas mdsx database.php dms.php studentdetails.php
28 <h1>Student Details</h1>
29 </center>
30
31 <div class="forms">
32 <form name="frmd" method="post" action="database.php">
33 <center><br><b>
34 Student's Name: <input type="text" name="stuname" size=25><br><br>
35 Student's Roll No.: <input type="text" name="rollno" size=25>
36 <br>
37 <br>
38 Phone No: <input type="text" name="phno">
39 <br><br><br>
40 Student's Address: <textarea type="text" name="stuadd" rows=3>
41 </textarea><br><br>
42
43
44 Select your course:
45 <input type="radio" name="course" value="Mass Media">Mass Media
46 <input type="radio" name="course" value="Mass Communication">Mass Communication
47 <input type="radio" name="course" value="Literature">Literature
48 <input type="radio" name="course" value="Art & Science">Art & Science
49
50 <br><br><br><br><br>
51 Select your favourite subject:
52 <input type="checkbox" name="sub[]" value="English">English
53 <input type="checkbox" name="sub[]" value="Craft">Craft
54 <input type="checkbox" name="sub[]" value="Geography">Geography
55 <input type="checkbox" name="sub[]" value="History">History
56 <input type="checkbox" name="sub[]" value="Computer">Computer
57
58 </div>
59 </body>
60 </html>
```

```
C:\xampp\htdocs\studentdetails.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hemo_char_mi outtree_hemo_pai_char outtree_hemo_pai_char seq_fas hemoglobin_fas nucleotide_fas nucleotide_fas.mdx database.php dbms.php studentdetails.php
56 <input type=checkbox name="sub[]" value="Computer">Computer
57 <input type=checkbox name="sub[]" value="GK">GK
58 <br><br><br><br>
59
60 Select an activity: <select multiple name="activ[]">
61 <option value="Select An option" selected>Select an option</option>
62 <option value="Dance Lessons">Dance Lessons</option>
63 <option value="Singing">Singing</option>
64 <option value="Yoga">Yoga</option>
65 <option value="Media workshop">Media workshop</option>
66 <option value="Cooking">Cooking</option>
67 <option value="Olympia">Olympia</option>
68 <option value="Basketball Competition">Basketball Competition</option>
69 </select>
70 <br><br><br><br><br>
71 Enter the Marks you Obtained:<br>
72 English : <input type=text name="s1"> <br>
73 Craft : <input type=text name="s2"> <br>
74 Geography : <input type=text name="s3"> <br>
75 History : <input type=text name="s4"> <br>
76 Computer : <input type=text name="s5"> <br>
77 GK : <input type=text name="s6"> <br>
78 <br><br>
79 <a href="database.php"><input type=submit name="submit" value="Submit"></a>
80 </form>
81 </b>
82 </div>
83 </body>
84 </html>
PHP Hypertext Preprocessor file length: 2,670 lines: 84 Ln: 17 Col: 124 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
Type here to search 21:25 02-05-2021
```

Output:  
Unfilled students detail formed:

Please fill the students detail form

## Student Details

Student's Name:

Student's Roll No.:

Phone No:

Student's Address:

Select your course: ☐ Mass Media ☐ Mass Communication ☐ Literature ☐ Art & Science

Select your favourite subject: ☐ English ☐ Craft ☐ Geography ☐ History ☐ Computer ☐ GK

Select an activity:

Student's Address:

Select your course: ☐ Mass Media ☐ Mass Communication ☐ Literature ☐ Art & Science

Select your favourite subject: ☐ English ☐ Craft ☐ Geography ☐ History ☐ Computer ☐ GK

Select an activity:

Enter the Marks you Obtained:

English :

Craft :

Geography :

History :

Computer :

GK :

Filled students detail form:



Please fill the students detail form

## Student Details

Student's Name:

Student's Roll No.:

Phone No:

Student's Address:

Select your course: ☒ Mass Media ☐ Mass Communication ☐ Literature ☐ Art & Science

Select your favourite subject: ☐ English ☒ Craft ☐ Geography ☐ History ☐ Computer ☐ GK

Select an activity:

Student's Address:

Select your course: ☒ Mass Media ☐ Mass Communication ☐ Literature ☐ Art & Science

Select your favourite subject: ☐ English ☒ Craft ☐ Geography ☐ History ☐ Computer ☐ GK

Select an activity:

Enter the Marks you Obtained:

English :

Craft :

Geography :

History :

Computer :

GK :

Click on the submit button for the output shown:

localhost/database.php

## Student Details

Student's Name:	Gunjan Deshpande	Error: INSERT INTO MyStudents (RollNo, fullname, PhoneNo, Percentage) VALUES ('BID 19006','Gunjan Deshpande','7709788679','88') Table 'studentdetails.mystudents' doesn't exist
Student's Roll No.:	BID 19006	
Phone No.:	7709788679	
Student's Address:	Gunjan Prasad Deshpande Flat No. 201, Plot No 87, Dharma Sadan, Sector 19, Kharghar 410210 , Panvel, Navi Mumbai	
Selected Course:	Mass Media	
Favourite Subjects:	Craft	

---

Phone No.:	7709788679
Student's Address:	Gunjan Prasad Deshpande Flat No. 201, Plot No 87, Dharma Sadan, Sector 19, Kharghar 410210 , Panvel, Navi Mumbai
Selected Course:	Mass Media
Favourite Subjects:	Craft
Activities:	Dance Lessons
Percentage Obtained:	88%
	You Passed in First Division.

Table:

```
MySQL 8.0 Command Line Client
5 rows in set (0.00 sec)

mysql> select*from st_details;
+-----+-----+-----+-----+
| Rollno | Name  | PhoneNo | Percentage |
+-----+-----+-----+-----+
| 19006  | Riya  | 7654    | 80         |
| 190    | Raj   | 7652    | 77         |
| 1906   | Gunjan | 7709    | 88         |
| 5678   | Mohan | 7702    | 69         |
| 5008   | Sham  | 1202    | 62         |
| 5011   | Prachi | 1222    | 80         |
| 5071   | Nrupesh | 1234    | 72         |
| 2271   | Sai   | 1774    | 77         |
+-----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql> select*from st_details;
+-----+-----+-----+-----+
| Rollno | Name  | PhoneNo | Percentage |
+-----+-----+-----+-----+
| 19006  | Riya  | 7654    | 80         |
| 190    | Raj   | 7652    | 77         |
| 1906   | Gunjan | 7709    | 88         |
| 5678   | Mohan | 7702    | 69         |
| 5008   | Sham  | 1202    | 62         |
| 5011   | Prachi | 1222    | 80         |
| 5071   | Nrupesh | 1234    | 72         |
| 2271   | Sai   | 1774    | 77         |
| 3331   | John  | 1999    | 55         |
| 3322   | Om    | 1876    | 71         |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql>
```

4. Create a form asking for student details as name, roll no., address (use textarea for address), phone no. using text box, use radio buttons for selection of course, use checkboxes for selection of favorite subject, use select boxes for multiple activities participated in, ask the user to fill in marks of 6



subjects using text boxes. Display all the student information along with % and class obtained by the student using php.

Answer:

HTML Codes:

A) database.php

```
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
length: 2,998 lines: 166 Ln: 26 Col: 26 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
1 <!DOCTYPE html>
2 <head><title>Student Details</title>
3 <style>
4 body
5 {
6 background-color: pink;
7 color: white;
8 }
9
10 div
11 {
12
13 background-image: url("https://st2.depositphotos.com/1000152/9636/i/950/depositphotos_96366042-stock-photo-pink-textured-back
14 background-size: cover;
15 background-repeat: no-repeat;
16 background-position: fixed;
17 background-attachment: fixed;
18 }
19
20 .side
21 {
22 float: left;
23 width: 210px;
24 height: 800px;
25 background-color: pink;
26 color: white;
27 }
28
29 .content {
30
31 float: left;
32 width: 650px;
33 height: 800px;
34 background-color: white;
35 color: black;
36 }
37 </style>
38 </head>
39 <body>
40 <div><h1><center>Student Details</center></h1></div>
41 <h2><div class='side'>
42 Student's Name: <br><br><br><br>
43 Student's Roll No.: <br><br><br>
44 Phone No.: <br><br><br>
45 Student's Address: <br><br><br>
46 Selected Course:<br><br><br>
47 Favourite Subjects: <br><br><br><br><br>
48 Activities:<br><br><br><br>
49 Percentage &nbsp;<br>Obtained:</h2>
50 </div>
51 <div class='content'>
52 <h2>
53 <?php
54
55
56 $sname=$_REQUEST["stuname"];
```

```
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hemo_char_mi outtree_hemo_pari_char outtree_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas.mdx database.php dbms.php studentdetails.php
55
56 $sname=$_REQUEST["stuname"];
57 $stuad=$_POST["stuadd"];
58 $phno=$_POST["phno"];
59 $roll=$_POST["rollno"];
60 echo $sname."<br><br><br>";
61 echo $roll."<br><br><br>";
62 echo $phno."<br><br><br>";
63 echo $stuad."<br><br><br>";
64
65
66 if (isset($_POST['submit']))
67 {
68 if(isset($_POST['course']))
69 {
70 echo $_POST['course']."<br><br><br>";
71 }
72 }
73
74
75 if(isset($_POST['submit']))
76 {
77 if(!empty($_POST['sub']))
78 {
79
80 foreach($_POST['sub'] as $subject)
81 {
82 echo $subject."<br>";
83
84
85 }
86 }
87 echo "<br><br><br>";
88
89
90 if(isset($_POST['submit']))
91 {
92 if(!empty($_POST['activ']))
93 {
94 foreach($_POST['activ'] as $selected)
95 {
96 echo $selected."<br>";
97
98 }
99 }
100 }
101 echo "<br><br><br>";
102 $s1=$_REQUEST["s1"];
103 $s2=$_REQUEST["s2"];
104 $s3=$_REQUEST["s3"];
105 $s4=$_REQUEST["s4"];
106 $s5=$_REQUEST["s5"];
107 $s6=$_REQUEST["s6"];
108 $tot=$s1+$s2+$s3+$s4+$s5+$s6;
109 $percent=$tot*100/600;
110 echo $percent."<br><br>";
111 if($percent>=70)
112 {
113 echo 'You Passed in First Division.<br><br><br>';
114
115 }
```

```
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hemo_char_mi outtree_hemo_pari_char outtree_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas.mdx database.php dbms.php studentdetails.php
112 {
113     echo 'You Passed in First Division.<br><br><br>';
114 }
115 elseif (($percent>=40) && ($percent<70))
116 {
117     echo 'You Passed in Second Division.<br><br><br>';
118 }
119 elseif (($percent>=33) && ($percent<40))
120 {
121     echo 'You Passed in Third Division.<br><br><br>';
122 }
123 else
124 {
125     echo 'You have Failed in This Exam.<br><br>';
126 }
127 -?>
128
129 </h2>
130 </div>
131
132
133 <?php
134 $fname=$_POST["stuname"];
135 $phnos=$_POST["phno"];
136 $rollno=$_POST["rollno"];
137 $s1=$_REQUEST["s1"];
138 $s2=$_REQUEST["s2"];
139 $s3=$_REQUEST["s3"];
140 $s4=$_REQUEST["s4"];
141
142 $s2=$_REQUEST["s2"];
143 $s3=$_REQUEST["s3"];
144 $s4=$_REQUEST["s4"];
145 $s5=$_REQUEST["s5"];
146 $s6=$_REQUEST["s6"];
147 $tot=$s1+$s2+$s3+$s4+$s5+$s6;
148 $percent=$tot*100/600;
149
150 $conn = new mysqli('localhost','root','','StudentDetails');
151 if ($conn->connect_error)
152 {
153     die("Connection failed: " . $conn->connect_error);
154 }
155 $sql = "INSERT INTO MyStudents (RollNo, fullname, PhoneNo, Percentage)
156 VALUES ('$rollno', '$fname', '$phnos', '$percent')";
157 if ($conn->query($sql) === FALSE)
158 {
159     echo "Error: " . $sql . "<br>" . $conn->error;
160 }
161 $conn->close();
162 -?>
163 </body>
164 </html>
165
166
PHP Hypertext Preprocessor file length: 2,998 lines: 166 Ln: 26 Col: 26 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
Type here to search
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hemo_char_mi outtree_hemo_pari_char outtree_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas.mdx database.php dbms.php studentdetails.php
138 $s2=$_REQUEST["s2"];
139 $s3=$_REQUEST["s3"];
140 $s4=$_REQUEST["s4"];
141 $s5=$_REQUEST["s5"];
142 $s6=$_REQUEST["s6"];
143 $tot=$s1+$s2+$s3+$s4+$s5+$s6;
144 $percent=$tot*100/600;
145
146
147 $conn = new mysqli('localhost','root','','StudentDetails');
148
149 if ($conn->connect_error)
150 {
151     die("Connection failed: " . $conn->connect_error);
152 }
153
154 $sql = "INSERT INTO MyStudents (RollNo, fullname, PhoneNo, Percentage)
155 VALUES ('$rollno', '$fname', '$phnos', '$percent')";
156
157 if ($conn->query($sql) === FALSE)
158 {
159     echo "Error: " . $sql . "<br>" . $conn->error;
160 }
161
162 $conn->close();
163
164 -?>
165 </body>
166 </html>
167
168
PHP Hypertext Preprocessor file length: 2,998 lines: 166 Ln: 26 Col: 26 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
Type here to search
```

B) dbms.php

```
1 <?php
2
3
4 $conn = new mysqli('localhost', 'root', '');
5
6 if ($conn->connect_error)
7 {
8     die("Connection failed: " . $conn->connect_error);
9 }
10
11 $sql = "CREATE DATABASE StudentDetails";
12 if ($conn->query($sql) === FALSE)
13 {
14     echo "Error creating database: " . $conn->error;
15 }
16
17
18 $conn = new mysqli('localhost', 'root', '', 'StudentDetails');
19
20 if ($conn->connect_error) {
21     die("Connection failed: " . $conn->connect_error);
22 }
23
24
25 $sql = "CREATE TABLE MyStudents (
26 RollNo INT(10) PRIMARY KEY,
27 fullname VARCHAR(50) NOT NULL,
28 PhoneNo VARCHAR(30) NOT NULL,
29 Percentage VARCHAR(5)
30 );";
```

PHP Hypertext Preprocessor file      length: 691   lines: 35   Ln: 20   Col: 28   Sel: 0 | 0   Windows (CR LF)   UTF-8   INS

Type here to search

21:24 02-05-2021

C) studentdetails.php

```
C:\xampp\htdocs\studentdetails.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outlife_hema_char_mi outtree_hemo_pari_char outlife_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas mdsx database.php dms.php studentdetails.php
1 <!DOCTYPE html>
2 <html>
3 <head><title>Student Details Form</title>
4 <body>
5 <marquee>Please fill the students detail form</marquee>
6 </body>
7 <div style="background-image: url('C:\Users\Prasad\Downloads\pic.jpg');">
8 <style>
9 body
10 {
11 background-color: white;
12 color: black;
13 font-size: 16px;
14 }
15
16 .forms {
17 background-image: url("https://image.freepik.com/free-vector/abstract-pastel-watercolor-texture-background_10126-978.jpg");
18 background-size: cover;
19 background-repeat: no-repeat;
20 background-position: fixed;
21 background-attachment: fixed;
22 }
23 </style>
24 </head>
25
26 <body>
27 <center>
28 <h1>Student Details</h1>
29 </center>
30
31 <div class="forms">
32 <form name="frmd" method="post" action="database.php">
33 <center><br><b>
34 Student's Name: <input type="text" name="stuname" size=25><br><br>
35 Student's Roll No.: <input type="text" name="rollno" size=25>
36 <br>
37 <br>
38 Phone No: <input type="text" name="phno">
39 <br><br><br>
40 Student's Address: <textarea type="text" name="stuadd" rows=3>
41 </textarea><br><br>
42
43
44 Select your course:
45 <input type="radio" name="course" value="Mass Media">Mass Media
46 <input type="radio" name="course" value="Mass Communication">Mass Communication
47 <input type="radio" name="course" value="Literature">Literature
48 <input type="radio" name="course" value="Art & Science">Art & Science
49
50 <br><br><br><br><br>
51 Select your favourite subject:
52 <input type="checkbox" name="sub[]" value="English">English
53 <input type="checkbox" name="sub[]" value="Craft">Craft
54 <input type="checkbox" name="sub[]" value="Geography">Geography
55 <input type="checkbox" name="sub[]" value="History">History
56 <input type="checkbox" name="sub[]" value="Computer">Computer
57
58 </div>
59 </body>
60 </html>
```

```
C:\xampp\htdocs\studentdetails.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outlife_hema_char_mi outtree_hemo_pari_char outlife_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas mdsx database.php dms.php studentdetails.php
28 <h1>Student Details</h1>
29 </center>
30
31 <div class="forms">
32 <form name="frmd" method="post" action="database.php">
33 <center><br><b>
34 Student's Name: <input type="text" name="stuname" size=25><br><br>
35 Student's Roll No.: <input type="text" name="rollno" size=25>
36 <br>
37 <br>
38 Phone No: <input type="text" name="phno">
39 <br><br><br>
40 Student's Address: <textarea type="text" name="stuadd" rows=3>
41 </textarea><br><br>
42
43
44 Select your course:
45 <input type="radio" name="course" value="Mass Media">Mass Media
46 <input type="radio" name="course" value="Mass Communication">Mass Communication
47 <input type="radio" name="course" value="Literature">Literature
48 <input type="radio" name="course" value="Art & Science">Art & Science
49
50 <br><br><br><br><br>
51 Select your favourite subject:
52 <input type="checkbox" name="sub[]" value="English">English
53 <input type="checkbox" name="sub[]" value="Craft">Craft
54 <input type="checkbox" name="sub[]" value="Geography">Geography
55 <input type="checkbox" name="sub[]" value="History">History
56 <input type="checkbox" name="sub[]" value="Computer">Computer
57
58 </div>
59 </body>
60 </html>
```



```
C:\xampp\htdocs\studentdetails.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hemo_char_mi outtree_hemo_pai_char outtree_hemo_pai_char seq fas hemoglobin fas nucleotide fas nucleotide fas mdsr database.php dbms.php studentdetails.php
56 <input type=checkbox name="sub[]" value="Computer">Computer
57 <input type=checkbox name="sub[]" value="GK">GK
58 <br><br><br><br>
59
60 Select an activity: <select multiple name="activ[]">
61 <option value="Select An option" selected>Select an option</option>
62 <option value="Dance Lessons">Dance Lessons</option>
63 <option value="Singing">Singing</option>
64 <option value="Yoga">Yoga</option>
65 <option value="Media workshop">Media workshop</option>
66 <option value="Cooking">Cooking</option>
67 <option value="Olympia">Olympia</option>
68 <option value="Basketball Competition">Basketball Competition</option>
69 </select>
70 <br><br><br><br><br>
71 Enter the Marks you Obtained:<br>
72 English : <input type=text name="s1"> <br>
73 Craft : <input type=text name="s2"> <br>
74 Geography : <input type=text name="s3"> <br>
75 History : <input type=text name="s4"> <br>
76 Computer : <input type=text name="s5"> <br>
77 GK : <input type=text name="s6"> <br>
78 <br><br>
79 <a href="database.php"><input type=submit name="submit" value="Submit"></a>
80 </form>
81 </b>
82 </div>
83 </body>
84 </html>
PHP Hypertext Preprocessor file length: 2,670 lines: 84 Ln: 17 Col: 124 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
Type here to search 21:25 02-05-2021
```

Output:  
Unfilled students detail formed:

Please fill the students detail form

## Student Details

Student's Name:

Student's Roll No.:

Phone No:

Student's Address:

Select your course: ☐ Mass Media ☐ Mass Communication ☐ Literature ☐ Art & Science

Select your favourite subject: ☐ English ☐ Craft ☐ Geography ☐ History ☐ Computer ☐ GK

Select an activity:

Student's Address:

Select your course: ☐ Mass Media ☐ Mass Communication ☐ Literature ☐ Art & Science

Select your favourite subject: ☐ English ☐ Craft ☐ Geography ☐ History ☐ Computer ☐ GK

Select an activity:

Enter the Marks you Obtained:

English :

Craft :

Geography :

History :

Computer :

GK :

Filled students detail form:

Please fill the students detail form

## Student Details

Student's Name:

Student's Roll No.:

Phone No:

Student's Address:

Select your course: ☒ Mass Media ☐ Mass Communication ☐ Literature ☐ Art & Science

Select your favourite subject: ☐ English ☒ Craft ☐ Geography ☐ History ☐ Computer ☐ GK

Select an activity:

Student's Address:

Select your course: ☒ Mass Media ☐ Mass Communication ☐ Literature ☐ Art & Science

Select your favourite subject: ☐ English ☒ Craft ☐ Geography ☐ History ☐ Computer ☐ GK

Select an activity:

Enter the Marks you Obtained:

English :

Craft :

Geography :

History :

Computer :

GK :

Click on the submit button for the output shown:



localhost/database.php

## Student Details

Student's Name:	Gunjan Deshpande	Error: INSERT INTO MyStudents (RollNo, fullname, PhoneNo, Percentage) VALUES ('BID 19006','Gunjan Deshpande','7709788679','88') Table 'studentdetails.mystudents' doesn't exist
Student's Roll No.:	BID 19006	
Phone No.:	7709788679	
Student's Address:	Gunjan Prasad Deshpande Flat No. 201, Plot No 87, Dharma Sadan, Sector 19, Kharghar 410210 , Panvel, Navi Mumbai	
Selected Course:	Mass Media	
Favourite Subjects:	Craft	

---

Phone No.:	7709788679
Student's Address:	Gunjan Prasad Deshpande Flat No. 201, Plot No 87, Dharma Sadan, Sector 19, Kharghar 410210 , Panvel, Navi Mumbai
Selected Course:	Mass Media
Favourite Subjects:	Craft
Activities:	Dance Lessons
Percentage Obtained:	88%
	You Passed in First Division.

Table:

```
MySQL 8.0 Command Line Client
5 rows in set (0.00 sec)

mysql> select*from st_details;
+-----+-----+-----+-----+
| Rollno | Name   | PhoneNo | Percentage |
+-----+-----+-----+-----+
| 19006  | Riya   | 7654    | 80          |
| 190    | Raj    | 7652    | 77          |
| 1906   | Gunjan | 7709    | 88          |
| 5678   | Mohan  | 7702    | 69          |
| 5008   | Sham   | 1202    | 62          |
| 5011   | Prachi | 1222    | 80          |
| 5071   | Nrupesh | 1234    | 72          |
| 2271   | Sai    | 1774    | 77          |
+-----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql> select*from st_details;
+-----+-----+-----+-----+
| Rollno | Name   | PhoneNo | Percentage |
+-----+-----+-----+-----+
| 19006  | Riya   | 7654    | 80          |
| 190    | Raj    | 7652    | 77          |
| 1906   | Gunjan | 7709    | 88          |
| 5678   | Mohan  | 7702    | 69          |
| 5008   | Sham   | 1202    | 62          |
| 5011   | Prachi | 1222    | 80          |
| 5071   | Nrupesh | 1234    | 72          |
| 2271   | Sai    | 1774    | 77          |
| 3331   | John   | 1999    | 55          |
| 3322   | Om     | 1876    | 71          |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql>
```

5.Create a form asking for student details as name, roll no., address (use textarea for address), phone no. using text box, use radio buttons for selection of course, use checkboxes for selection of favorite subject, use select boxes for multiple activities participated in, ask the user to fill in marks of 6 subjects using text boxes. Display all the student information along with % and class obtained by the



student using php. Store the information of name, roll no., phone no., and % in the MySQL table.(OPTIONAL)

Answer:

HTML Codes:

A) database.php

```
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
length: 2,998 lines: 166 Ln: 26 Col: 26 Sel: 0 | 0 Windows (CR LF) UTF-8 INS
1 <!DOCTYPE html>
2 <head><title>Student Details</title>
3 <style>
4 body
5 {
6 background-color: pink;
7 color: white;
8 }
9
10 div
11 {
12
13 background-image: url("https://st2.depositphotos.com/1000152/9636/i/950/depositphotos_96366042-stock-photo-pink-textured-back
14 background-size: cover;
15 background-repeat: no-repeat;
16 background-position: fixed;
17 background-attachment: fixed;
18 }
19
20 .side
21 {
22 float: left;
23 width: 210px;
24 height: 800px;
25 background-color: pink;
26 color: white;
27 }
28
29 .content {
30
31 float: left;
32 width: 650px;
33 height: 800px;
34 background-color: white;
35 color: black;
36 }
37 </style>
38 </head>
39 <body>
40 <div><h1><center>Student Details</center></h1></div>
41 <h2><div class='side'>
42 Student's Name: <br><br><br><br>
43 Student's Roll No.: <br><br><br>
44 Phone No.: <br><br><br>
45 Student's Address: <br><br><br>
46 Selected Course:<br><br><br>
47 Favourite Subjects: <br><br><br><br><br>
48 Activities:<br><br><br><br>
49 Percentage &nbsp;<br>Obtained:</h2>
50 </div>
51 <div class='content'>
52 <h2>
53 <?php
54
55
56 $sname=$_REQUEST["stuname"];
```

```
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hemo_char_mi outtree_hemo_pari_char outtree_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas.mdx database.php dbms.php studentdetails.php
55
56 $sname=$_REQUEST["stuname"];
57 $stuad=$_POST["stuadd"];
58 $phno=$_POST["phno"];
59 $roll=$_POST["rollno"];
60 echo $sname."<br><br><br>";
61 echo $roll."<br><br><br>";
62 echo $phno."<br><br><br>";
63 echo $stuad."<br><br><br>";
64
65
66 if (isset($_POST['submit']))
67 {
68 if(isset($_POST['course']))
69 {
70 echo $_POST['course']."<br><br><br>";
71 }
72 }
73
74
75 if(isset($_POST['submit']))
76 {
77 if(!empty($_POST['sub']))
78 {
79
80 foreach($_POST['sub'] as $subject)
81 {
82 echo $subject."<br>";
83
84
85 }
86 }
87 echo "<br><br><br>";
88
89
90 if(isset($_POST['submit']))
91 {
92 if(!empty($_POST['activ']))
93 {
94 foreach($_POST['activ'] as $selected)
95 {
96 echo $selected."<br>";
97
98 }
99 }
100 }
101 echo "<br><br><br>";
102 $s1=$_REQUEST["s1"];
103 $s2=$_REQUEST["s2"];
104 $s3=$_REQUEST["s3"];
105 $s4=$_REQUEST["s4"];
106 $s5=$_REQUEST["s5"];
107 $s6=$_REQUEST["s6"];
108 $tot=$s1+$s2+$s3+$s4+$s5+$s6;
109 $percent=$tot*100/600;
110 echo $percent."<br><br>";
111 if($percent>=70)
112 {
113 echo 'You Passed in First Division.<br><br><br>';
114
115 }
```

```
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hemo_char_mi outtree_hemo_pari_char outtree_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas.mdx database.php dbms.php studentdetails.php
112 {
113     echo 'You Passed in First Division.<br><br><br>';
114 }
115 elseif (($percent>=40)&&($percent<70))
116 {
117     echo 'You Passed in Second Division.<br><br><br>';
118 }
119 elseif (($percent>=33)&&($percent<40))
120 {
121     echo 'You Passed in Third Division.<br><br><br>';
122 }
123 else
124 {
125     echo 'You have Failed in This Exam.<br><br>';
126 }
127 -?>
128
129 </h2>
130 </div>
131
132
133 <?php
134 $fname=$_POST["stuname"];
135 $phnos=$_POST["phno"];
136 $rollno=$_POST["rollno"];
137 $s1=$_REQUEST["s1"];
138 $s2=$_REQUEST["s2"];
139 $s3=$_REQUEST["s3"];
140 $s4=$_REQUEST["s4"];
141
142 $s2=$_REQUEST["s2"];
143 $s3=$_REQUEST["s3"];
144 $s4=$_REQUEST["s4"];
145 $s5=$_REQUEST["s5"];
146 $s6=$_REQUEST["s6"];
147 $tot=$s1+$s2+$s3+$s4+$s5+$s6;
148 $percent=$tot*100/600;
149
150 $conn = new mysqli('localhost','root','','StudentDetails');
151 if ($conn->connect_error)
152 {
153     die("Connection failed: " . $conn->connect_error);
154 }
155 $sql = "INSERT INTO MyStudents (RollNo, fullname, PhoneNo, Percentage)
156 VALUES ('$rollno','$fname','$phnos','$percent')";
157 if ($conn->query($sql) === FALSE)
158 {
159     echo "Error: " . $sql . "<br>" . $conn->error;
160 }
161 $conn->close();
162 -?>
163 </body>
164 </html>
165
166
PHP Hypertext Preprocessor file length: 2,998 lines: 166 Ln: 26 Col: 26 Sel: 0|0 Windows (CR LF) UTF-8 INS
Type here to search
C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_hemo_char_mi outtree_hemo_pari_char outtree_hemo_pari_char seq fas hemoglobin fas nucleotide fas nucleotide fas.mdx database.php dbms.php studentdetails.php
138 $s2=$_REQUEST["s2"];
139 $s3=$_REQUEST["s3"];
140 $s4=$_REQUEST["s4"];
141 $s5=$_REQUEST["s5"];
142 $s6=$_REQUEST["s6"];
143 $tot=$s1+$s2+$s3+$s4+$s5+$s6;
144 $percent=$tot*100/600;
145
146
147 $conn = new mysqli('localhost','root','','StudentDetails');
148
149 if ($conn->connect_error)
150 {
151     die("Connection failed: " . $conn->connect_error);
152 }
153
154 $sql = "INSERT INTO MyStudents (RollNo, fullname, PhoneNo, Percentage)
155 VALUES ('$rollno','$fname','$phnos','$percent')";
156
157 if ($conn->query($sql) === FALSE)
158 {
159     echo "Error: " . $sql . "<br>" . $conn->error;
160 }
161
162 $conn->close();
163
164 -?>
165 </body>
166 </html>
167
168
PHP Hypertext Preprocessor file length: 2,998 lines: 166 Ln: 26 Col: 26 Sel: 0|0 Windows (CR LF) UTF-8 INS
Type here to search
```

B) dbms.php