

Name - Satyam Chauhan
Father's Name - Mr. Madan Singh
University Roll No - 2101189
Course - M.C.A 'D'
Semester - Ist
Paper Name - Scripting language and R Lab
Paper Code - PRC[103]
Type of paper - Regular

Satyam Chauhan
Signature

ANSWERS

Q.11 Source Code

```
<html>
<head>validate method</head>
<body>
<form name = "my form" action = "/action-Page.php"
onsubmit = "return validate()" method = "post">
Name: <input type = "text" name = "name"><br>
Password: <input type = "password" name = "pass"><br>
Course: <input type = "text" name = "course"><br>
<input type = "submit" value = "submit">
<script>
function validate()
{
let x = document.forms["my form"]["name"].value;
let x1 = document.forms["my form"]["pass"].value;
let x2 = document.forms["my form"]["course"].value;
if (x == "" && x1 == "" && x2 == "")
{
alert("name, password, course must be filled out");
}
else if (x == "" && x1 == "")
{
alert("name, password must be filled out");
}
```


2

else if (x == " " && x2 == " ")

5

alert ("name, Course must be filled out");

2

else if (x1 == " " && x2 == " ")

5

alert ("password, Course must be filled out");

2

else if (x == " ")

5

alert ("name must be filled out");

2

else if (x2 == " ")

5

alert ("course must be filled out");

2

return false;

2

</script>

</form>

</body>

</html>

Q.2) Create a student Registration in PHP and Save and Display the Student Records?

<html>

<head>

<title> Student Registration </title>

</head>

<body>

<form action = "<?php \$ - PHP-SELF ?>" method = "POST">

Name:

<input type = "text" name = "txt name">

Roll no.:

<input type = "text" name = "txt roll no">

Gender

<input type = "text" name = "txt gen">

Address

<text area name = "add" type = "text area"></text area>

<input type = "Submit" name = "input" value = "Save">


```
<input type = "Reset" Value = "Circle">
```

```
</form> </body>
```

```
</html>
```

```
<?php
```

```
if (isset($_POST['insert']))
```

```
{
```

```
$con = mysql_connect ("localhost", "root", "");
```

```
if ($con)
```

```
{
```

```
echo "mysql Connection OK <br>";
```

```
mysql_select_db ("stud info", $con);
```

```
$name = $_POST ['textname'];
```

```
$rollno = $_POST ['text-no'];
```

```
$gender = $_POST ['textgen'];
```

```
$address = $_POST ['add'];
```

```
$insert = "insert into info values ('$name', '$rollno',  
$gender, '$address')";
```

```
if (mysql_query ($insert, $con))
```

```
{
```

```
echo "Data inserted Successfully <br>";
```

```
}
```

```
$query = "Select * from info";
```

```
$result = mysql_query ($query, $con);
```



```
echo "<table border='1'>
```

```
<tr>
```

```
<th> Name </th>
```

```
<th> Rollno </th>
```

```
<th> Gender </th>
```

```
<th> Address </th>
```

```
</tr>;
```

```
while ($row = mysql_fetch_array($sql))
```

```
{
```

```
echo "<tr>";
```

```
echo "<td>". $row['name']. "</td>";
```

```
echo "<td>". $row['rollno']. "</td>";
```

```
echo "<td>". $row['gen']. "</td>";
```

```
echo "<td>". $row['address']. "</td>";
```

```
echo "</tr>";
```

```
}
```

```
echo "</table>";
```

```
mysql_close($con);
```

```
}
```

```
}
```

```
?>
```

Q.3 Analyze any CSV dataset using R.

library(dplyr)

Setwd ("D:/GDP")

data <- read.csv ("GDP growth.csv")

names (data)

Str (data)

dim (data)

Class (data \$ Country)

Class (data \$ Nominal-gdp-p-capita)

Class (data \$ PPP-gdp-p-capita)

Class (data \$ GDP-growth-percentage)

Class (data \$ Rise-Fall-GDP)

head (data)

tail (data)

Q.4 Discuss Descriptive & Inferential Statistics of above dataset.

Summary (data)

dim (data)

Str (data)

names (data)

inferential Statistics

~~model <- chisq.test (mydata)~~

~~model~~ mode <- chisq.test (data \$ Nominal-gdp-p-capita)

output.

X-squared = 1250286, df = 53, p-value < 2.2e-16

Correlation Coefficient

Cor (data \$ nominal-gdp-p-capita, data \$ GDP-growth-percentage)

output 0.04388073.

Anova test

ghh <- aov (data \$ nominal-gdp-p-capita, data \$ ~~GDP~~ PPP-gdp-p-capita)

ghh.

Output

	data \$ PPP-gdp-p-capita	Residuals.
Sum of Squares	27777463897	2384690470
Deg. of freedom	1	5

Residual Standard error: 6771.959

#