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Semester - Ist

Paper Name - Scripting language and R lab

Paper Code - PMC[103]

Type of paper - Regular

Signature

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Q.11 Source Code

```
<html>
<head>Validate method</head>
<body>
<form name = "myform" action = "/action. Page. php"
onSubmit = "return validate()" method = "post">
Name: <input type = "text" name "frame"><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 ["myform"]["frame"].value;
let x1 = document. forms["myform"]["pass"]. value;
let x2 = document. forms ["myform"]["Course"]. value;
if (x == "" && x1 == "" && x2 == "")
{
alert ("name, password, Course must be fieldout
}
else if (x == "" && x1 == "")
{
alert("name, password must be filed out");
```

```
}
else if (x=="" && x2=="")
{
  alert ("name, Course must be field out");
}
else if (x1=="" && x2=="")
{
  alert ("password, Course must be filled out");
}
else if (x=="")
{
alert ("name must be filled out");
}
else if (x2=="")
{
alert ("Course must be filled out");
}
return false;
}
</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 = "txtname">
<br><br>
Roll no:
<input type = "text" name = "txt_no">
<br><br>
Glender:
<input type = "text" name = "txtgen">
<br><br>
Address:
<textarea name = "add" type = "textarea"></textarea>
<br><br>
```

```
<input type = "Submit" name = "insert" value = "Save">
<input type = "Reset" value = "Circle">
</form> </body>
</html>
<?php
 if (inset ($_POST['insert']))
 {
  $Con = mysql_Connect ("localhost", "root", "");
  if ($Con)
  {
   echo "Mysql Connection ok <br>";
   mysql_Select_db ("Studinfo", $Con);
   $name = Stoval ($_POST ['txtname']);
   $rollno = intval ($_POST ['txt_no']);
   $gender = stoval ($_POST ['txtgen']);
   $address = Stoval ($_POST ['add']);
  $insert = "insert into info values ('$name','$rollno', '$
                                      '$address')";
  if (mysql_query ($insert, $Con))
  {
   echo "Data inserted Successfully <br>";
 }
 $query = "Select * from info ";
 $all = mysql_query ($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)

mode

output.

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

Correlation Cofficient

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	238469470
Deg. of freedom	1	5

Residual Standard error: 6771.959

#