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MCA 1C

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Question 1 → Define a method - - - - - - - - alert box.

Answer:

```
<!DOCTYPE html>
<html>
<head>
<script>
function validateform(){
  var x = document.forms["myform"]
    ["fname"].value;
    if (x == "" || x == null) {
      alert("Name must be filled out");
      return false;
    }
  }
</script>
<h2> JavaScript validation for empty input
    field </h2>
<b> Try to submit the form without entering
    any text. </b>
<form name = "myform" action = "/action-page.php"
 onsubmit = "return Validateform()"
 method = "post" required>
   Name : <input type = "text" name = "fname">
 <input type = "submit" value = "Submit">
</form>
</body>
</html>
```

Question 2 → Create a student . . . . . Records.

Answer →

```
<html>
<head>
<title> General form </title>
</head>
<body bgcolor = "aakkk">
<form action = "<?php $_PHP_SELF ?>" method
  = "POST" >
Name : <input type = "text" name = "txtname">
<br><br>
Roll no:
<input type = "text" name = "txtr_no">
<br><br>
Gender :
<input type = "text" name = "txtgen">
<br><br>
<input type = "Submit" name = "insert" value
  = "Save">
<input type = "Reset" value = "Cancel">
</form>
</body>
</html>
<?php
  if(isset_POST['insert']))
  { $con = mysql_connect("localhost", "root",
                         "");
    if($con)
    {
      echo "Mysql connection OK<br>";
      mysql_select_db("studinfo", $con);
```

```
$name = strval ( $_POST ['txtname']);
$rollno= intval ( $_POST ['txtr_no']);
$gender= strval ( $_POST ['txtgen']);

$insert = "insert into info values ('$name', $rollno,
                                    '$gender', '$address')";
if(mysql_query ($insert,$con))
  {
    echo "Data inserted successfully<br>";
  }
$query = "select * from info";
$sdat = mysql_query ($query, $con);
echo "<table border='1'>
<tr>
    <th> Name </th>
    <th> Roll No </th>
    <th> Gender </th>
</tr>
while ($row= mysql_fetch_array ($sdat))
  {
    echo"<tr>";
    echo "<td>". $row['name']."</td>";
    echo "<td>". $row['rollno']."</td>";
    echo"<td>". $row['gen']."</td>";
    echo"</tr>";
  }
echo"</table>";
mysql_close ($con);
}
}
?>
</body>
</html>
```

Question 3: Analyze any csv dataset using R.

Answer:

```
> kidswalk <- read.csv("C:/Users/agewalk4R.csv")
> mydata kidswalk <- read.csv(file.choose())
> mean(kidswalk$agewalk)
> attach(kidswalk)
> mean(agewalk)
> Kidswalk <- read.table("agewalk4R.txt")
> totscore <- score1 + score2 + score3 + score4
> weight.kg <- 0.4536 * weight.lb
> ageLT30 <- ifelse(age< 30, 1, 0)
> Obese <- ifelse(BMIgroup ==4, 1, 0)
> agecat <- 99
> agecat[age<20] <- 1
> agecat[20<=age & age<=39] <- 2
> agecat[40<age & age<=59] <- 3
> agecat[60<=age] <- 4
> healthstudy <- cbind(healthstudy, weight.kg, agecat)
> write.csv(healthstudy, 'healthstudy2.csv')
```

Question 4: Discuss Descriptive and Inferential Statistics of above dataset.

Answer:

```
> mean(kidswalk)
   subjno    group      sex  agewalk
 25.50     1.34     0.48    11.13

> mean(agewalk)
[1] 11.13

> sd(kidswalk)
   subjno    group      sex  agewalk
14.5773797 0.4785   0.5046   1.3583078

> sd(agewalk)
[1] 1.358308

> length(agewalk)
[1] 50

> summary(Age_walk)
Min.  1st Qu.  Median  Mean  3rd Qu.  Max.
9.00   10.00    11.25   11.13  12.00   13.50

> t.test(agewalk$, conf.level=.90)
   One Sample t-test
data: agewalk
t = 57.9405, df=49, p-value < 2.2e-16
alternative hypothesis: true mean is not equal to 0
90 percent confidence interval:
10.80795  11.45205
Sample estimates:
mean of x
11.13
```