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Course: MCA Section: C

Que 1

```
<!DOCTYPE html>
<html>
  <head>
    <title> Form validation </title>
  </head>
  <script>
    function validate(){
      var name = document.getElementById("name").value;
      var email= document.getElementById("email").value
      var pwd= document.getElementById("pwd").value;
      if(name=="" && email=="" && pwd=="")
        alert("Name, email and password is empty");
      else if(name!="" && email=="" && pwd=="")
        alert("email and password is empty");
      else if(name==""&& email=="" && pwd!="")
        alert("name and email is empty");
      else if(name=="" && email!="" && pwd=="");
        alert("name and password is empty");
    }
  </script>
```

```
</head>
<body>
    <form onsubmit="return validate();">
    Name: <input type="text" id="name"><br><br>
    email: <input type="email" id="name"><br><br>
    password: <input type="password" id="pwd"><br><br>
    <input type="submit" value="submit">
</form>
</body>
</html>
```

Que 2 index.php

```
<html>
  <head></head>
  <body>
      <form action="insert.php" method="POST">
      Name: <input type="text" name="name"><br>
      Age: <input type="text" name="age"><br>
      email: <input type="email" name="email"><br>
      <input type="submit" name="insert" value="Save">
    </form>
    <body>
    </html>
```

insert.php

```
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "studentData";

    $con = mysqli_connect($servername, $username, $password, $dbname);
    if (!$con){
        die("Connection failed :" mysqli_connect_error());
    }else{
        echo "connection successful";
    }
    if(isset($_REQUEST['insert'])){
        $name = $_REQUEST['name'];
        $age = $_REQUEST['age'];
        $email = $_REQUEST['email'];
        $insert = "INSERT INTO studentinfo values('$name', '$age',
                                                  '$email')";
        if(mysqli_query($con, $insert)){
            echo "Data inserted successfully";
        }
    }
    $query = "select * from student";
    $sldt = mysqli_query($con, $query);
?>
```

```
<html>
 <body>
  <table border=1px; cellpadding 5; cellspacing =5; >
  <tr>
   <th> STUDENT NAME </th>
   <th> AGE </th>
   <th> Email </th>
 </tr>
 <?php if (!$sdtt) {
        echo "error". mysqli-error($con);
 }
 $nums = mysqli_num_rows ($sdett);
 if (! $nums){
        echo "error".mysqli-error ($con);
 }
 while ($ rows = mysqli_fetch_array ($ stdt)){
  ?>
   <tr>
    <td><? php echo $rows ['name']; ?></td>
    <td><? php echo $ rows ['age']; ?></td>
    <td><'?php echo $ rows ['email']; ?></td>
   </tr>
  <? php ?>
 ?>
 </table>
</body>
</html>
```

3)

```
library (dplyr)
setwd('F:/data')
data <- read.csv ("Flipkart - data.csv')
data
```

- dim (data)
- names(data)
- mean (data $Rating)
- mode(data $storage)
- media (data$ Memory)
- max (data$ Original.Price)
- summary (data)
- structure (data)
- barplot (data $original.Price, col = 'green', xlab = 'Mobile Phones', ylab = 'Price' main = 'Original Price vs Selling Price')

```
barplot (data $Selling.Price, col = 'red' add = TRUE)
```

4) Descriptive :- Summarise and describe/present value of dataset

```
data <- read.csv ("Flipkart - data.csv");
min (data$ price)
max (data$ selling.Price)
mean (data $ selling. Price);
median (data $ original .price)
range (data $ Ram)
```

Summary (data)

Inferential – It is used to draw inference from the data sample of huge data

Z- scores and Z-test :

```
data <- read.csv("F:/ Flipkart_data.csv")
psd <- sd(Price) *sqrt[(length.(price)-1)/(length(marks))]
pmean <- mean(price)
Z-score <- ( Price- pmean)/psd.
```

~~data <-~~

```
z.test = function(a, mu, var){
        zeta = (mean(a) - mu/ (sqrt (var / length(a)))
        return zeta;
}
a <- data $storage
z <- z.test(a, 128, 256)
p_value <- 2* pnorm(-abs(z))
```

(1) Chi-square test :

```
~~table~~
x <- table (data$ rating . $data$'price)
CHI <- chisq.test (table, correct= T)
attributes(CHI)
CHI $ expected.
```