Name- Harlem Badola
fatheisname- Subhash Chandra Badola
University Rollno.- 2101075
Course - MCA
Semester - 1
Paper name - Scripting language & R programming
Paper code - PMC 103
Type of paper - Regular.

Ans 1

```
<!Doctype HTML>
<html>
<head>
  <title> check for blank space </title>
<script>
  function validate(){
      if (document.getElementById('fname').value
      == "" ){
document.getElementById('mname').value == "" ){
      alert ("First Name, Middle Name and
              Last Name is Empty");
  }
  else if (document.getElementById('fname').value == "" &&
document.getElementById('mname').value == "" ){
      alert ("First Name and Middle Name is Empty");
  }
else if (document.getElementById('mname').value == "" &&
document.getElementById('lname').value == "")
  alert ("Middle name and last name is empty");
```

Harlem

Name - Hartam Badola   S1D70-21711728

```
else if(document.getElementById('fname').value == "" &&
document.getElementById('lname').value == ""){
        alert("First Name and Last Name is empty");
    }

else if(document.getElementById('fname').value == ""){
    alert("First Name is empty");
  }
else if(document.getElementById('mname').value == ""){
    alert("Middle Name is Empty");
else if(document.getElementById('lname').value
            == ""){
    alert("Last Name is Empty");
  }
};
</script>
</head>
<body>
<h1> Check for blank entry</h1>
<fieldset
  <label> First Name:
  <input class= "input" type="text" id="fname"
     name="fname"> </label> <br>
 <label> Middle Name:
 <input class= "input" type = "text" id = "mname"
     name="mname"> <br>
 <label> Last Name
 <input class ="input" type= "text" id= "lname"
     name= "lname" ></label> <br>
<button type ="button" onclick="validate()" value=
  "Send data"> Submit</button>
</fieldset>
</body>
</html>
```

Hartam

Name - Hariam Bardola
STDID - 2171178.

Ans 2

```
< html >
< head >
< title > Insert data </title >
</head >
< body >
< form action = "get data. php" method = "POST" >
Name
  < input type = "text" name = "txtname" >
  < br >
  Roll no.
   < input type = "text" name = "txt rono" >
  Address
   < textarea name = "add"
          </textarea >
  < br >
  Contact no -
   < input type = "text" name = "txt cno" >
   < br >
   Email ID -
   < input type = "email" >
   < br >
   < input type = "submit" name = "insert" value = "Save" >
   < input type = "Reset" value = "Cancel >
  </form >
  </body >
  </html >
```

Hariam

Name - Harsan Baddela
SID ID - 21711178.

Getdata.php

```
<html>
<head>
<title> Data </title>
</head>
<body>
<?php
    echo "Name:" . $_POST["txtname"] . "</br>"
    echo "Roll no:" . $_POST["txtr_no"] . "</br>";
    echo "Address:" $_POST["add"] . "</br>";
    echo "contact No:" $POST["txt(_no]" . </br>;
    echo "email ID :", $POST["txt email"] . "</br>
?>
</body>
</html>
```

Harsan

Name - Harlan Badola
STD ID - 2171178

3) Analyze any csv dataset using R.

```
#setting working directory
setwd("c:/users/Harlan Badola/Desktop/R")
#libraries required
library(dplyr)
library(quantmod)
# load csv file
Stock <- read.csv("HDFC.CSV")
#internal structure of R object
dim(stock)
[1] 120 6
str(stock)
```

```
head(stock)
```

	Open	High	low	Close
2021-07-01	1502	1502.00	1483.00	1486.75
2021-07-02	1485	1489.25	1477.00	1480.40
2021-07-05	1489.95	1504.80	1484.55	1495.45
2021-07-06	1497	1545.35	1496.00	1534.20
2021-07-07	1534	1540.00	1527.70	1539.50

Harlan

Name - Harlan Bardola
SID ID - 21711178

tail(stock)

	Open	High	low	clare
2021-12-16	1512.86	1517.00	1494.00	1500.10
2021-12-17	1497.00	1506.00	1467.70	1473.05
2021-12-20	1452.00	1450.00	1414.10	1425.65
2021-12-21	1439.50	1480.75	1430.00	1441.80
2021-12-22	1453.25	1456.00	1435.70	1445.20

Summary(stock)

open	high	low	clen
min - 1410	min - 1430	min - 1404	- 1417
1st qua - 1497	1st qua - 1514	1st quat - 1489	- 1501
median - 1536	median - 1554	median - 1528	- 1537
mean - 1541	mean - 1555	mean - 1528	- 1541
3rd qu - 1584	3rd qua - 1598	3rd qua - 1567	- 1582
max - 1705	max - 1725	max - 1671	- 1589

#boxplot

```
boxplot(stock$ Open.)
boxplot(stock$ High)
boxplot(stock$ Low)
boxplot(stock$ Close)

plot(stock$ open, col="green")
plot(stock$ clae, col="red")
```

Harlan

Name - Harjan Badola
SID - 21711170.

4)

Descriptive statistics - It describe the important characteristics / properties of data using the measure of central tendency like mean / median / mode.

for stock $	open	high	low	close
Min	1410	1430	1404	1417
1st qu	1497	1514	1489	1501
median	1536	1554	1528	1537
3rd qu	1584	1598	1569	1582
max	1705	1725	1671	1589
mean	1541	1555	1528	1541

The overall price is moving between 1725 to 1404 as the stock $ high is 1725 and stock $ low is 1404. So there is possibility that the price will remain in this range in upcoming time.

median price movement is between 1528 to 1554.

Harjan

Name - Hariom Badola
SID - 21711170

Inferential statistics -

It is about using data from sample and then making inferences about the larger population from which the sample is drawn. ~~to~~ The conclusions drawn form a sample and generalize them to the population.

Conclusions -

- Mean is working as a important support and resistance point. and the current price of the equity is below mean.
- There are very high chances that the market will ~~tough~~ touch the mean in coming days.
- The min low is 1404 and high is 1725 the price is going to move between these two ranges.
- The quartiles are also important support point during a sudden fall in demand.

Hariom