

Name: Riya Talwar

Course: M.C.A

Roll no: 9

Subject: R, Scripting

Student roll no: 2101169

Student id: 21712182

forgotten that we belong to each other." —Mother Teresa

Date: / /

Ques. 1. <html>
 <head>
 <title> </title>
 <meta http-equiv="Content-type" content
 = "text/html; charset=unicode" />
 <meta content="Coffee cup HTML editor
 (www.coffee.cup.com)" name="generator" />
 </head>

<body>

<script language="JavaScript">
 function IsEmpty()

if (document.form.question.value
 == "")

alert("Empty");

return;

</script>

<input name="question" />

<input id="inext" onclick="IsEmpty()" type="submit" value="Add Question" />

</body>

</html>

Q2) `<html>`
`<head>`
`<title>general form</title>`
`</head>`
`<form action = "? $ _PHP_SELF ? ">`
`method = "POST"`

NAME:
`<input type = "text" name = "txtname">`
`
`

Roll no:
`<input type = "text" name = "txtroll">`
`
`

Gender:
`<input type = "text" name = "txtgen">`
`
`

Address:
`<textarea name = "add" type = "textare">`
`</textarea>`
`
`

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

`<input type = "Reset" value =`
`"Cancel">`

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

`<?php`

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

Date ____/____/____

```

}
$con = mysql_connect("localhost","root",
"");
if ($con)
{
echo "My sql connect ('localhost','root',
'');";
if ($con)
{
echo "Mysql connection ok <br>";
mysql_select_db("studinfo",
$con);

```

```

$name = stripslashes($_POST('txtname'));
$rollno = intval($_POST('txtrollno'));
$gender = stripslashes($_POST('txtgender'));
$address = stripslashes($_POST('txtaddress'));

```

```

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

```

```

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

```

```

echo "Data inserted successfully
<br>";

```

```

}
$query = "select * from
studinfo";

```



```

$ sdt = mysql_query($query, $conn);
echo "<table border='1'>"

```

```

<tr>
<th>Name</th>
<th>Roll no</th>
<th>Gender</th>
<th>Address</th>
</tr>

```

```

while <$row = mysql_fetch_row($sdt)>

```

```

do
echo "<tr>";
echo "<td>"; $row["name"] "</td>";
echo "<td>"; $row["rollno"] "</td>";
echo "<td>"; $row["gender"] "<td>";
echo "<td>"; $row["address"] "</td>";
echo "</tr>";

```

```

echo "</table>";
mysql_close($conn);

```

```

}
}

```


28

Time	Demand
1	8.3
2	10.3
3	19.0
4	16.0
5	15.6
7	19.8

Data manipulation

Summarise (BoD, avg BoD = mean(demand, na.rm=T))

avg BoD
14.8333

Summarise (BoD, tot BoD = sum(demand, na.rm=T))

tot BoD
89

Summarise (BoD, sd BoD = sd(demand, na.rm=T))

sd BoD
4.630623

Summarise (BoD, sd BoD = sd

Summarise (BoD, median BoD = median(demand, na.rm=T))

median BoD
15.8

Date: ____/____/____

Summarise (BoD, $\text{mean_BoD} = \text{mean}(\text{demand}, \text{na.rm} = \text{T})$)

mean BoD

8.3

Summarise (BoD, $\text{max_BoD} = \text{max}(\text{demand}, \text{na.rm} = \text{T})$)

max BoD

19.8

Summarise (BoD, $\text{quantile_BoD} = \text{quantile}(\text{BoD}, 0.25, \text{na.rm} = \text{T})$)

quantile BoD

3.75

Summary (BoD)

Time

Demand

Mean: 1.000

Mean: 8.30

1st Qu: 2.250

1st Qu: 11.62

Median: 3.500

Median: 15.80

Mean: 3.667

Mean: 14.83

3rd Qu: 4.750

3rd Qu: 18.25

Max: 7.000

Max: 19.80

Boxplot:

`ggplot(BoD, aes(y = demand, x = Time)) +
geom_boxplot()`

Bar chart:

`ggplot(BoD, aes(y = "fill = demand, x = Time))
+ geom_bar(width = 1, stat = "identity") +
coord_polar("x", start = 0)`

Bar graph

`ggplot(BoD, aes(y = demand, x = Time))
+ geom_bar(stat = "identity")`

Date: / /

point graph
`ggplot(BOD, aes(y = demand, x = Time))
 + geom_point()`

Ques 4-5

Descriptive Statistics

`summary(BOD)
 dim(BOD)
 str(BOD)
 names(BOD)`

inferential statistics

1) chi-squared test

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

2) correlation coefficient

`cor(mydata$BOD, mydata$average)`

3)anova Test

`my_subdata_4 <- aov(mydata$average ~
 mydata$demand)
 my_subdata_4`