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Subject- Scripting Languages  
and R- Programming

Roll No- 2101204

S.Id- 21711042

Name - Shivansh Mishra  
Class - MCAC(B)

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Ques 1:-

```
<html>
```

```
<head>
```

```
<title>display data in table format </title>
```

```
</head>
```

```
<body>
```

```
<?php
```

```
$con = mysql_connect("localhost","root","");
```

```
if (!$con)
```

```
{
```

```
die("not connected" . mysql_error());
```

```
}
```

```
echo "Connection open". "<br/>";
```

```
$sldb = mysql_select_db("customer", $con);
```

```
if (!$sldb)
```

```
{
```

```
die("not found" . mysql_error());
```

```
}
```

```
echo "Database Selected". "<br/>";
```

```
$query = "select * from customer";
```

```
$sql = mysql_query($query);
```

```
echo "<table border = '1'>
```

```
<tr>
```

```
<th>C-No </th>
```

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```
<th> C - Name </th>
```

```
<th> Item - Purchased </th>
```

```
<th> Item - Purchased </th>
```

```
<th> Mob - no </th>
```

```
</tr>";
```

```
while($row = mysql_fetch_array($sql))
```

```
{  
    echo "<tr>";
```

```
    echo "<td>" $row['C-no'] . "</td>";
```

```
    echo "<td>" $row['item-purchased'] . "</td>";
```

```
    echo "<td>" $row['mob-no'] . "</td>";
```

```
    echo "</tr>";
```

```
    echo "</table>";
```

```
}
```

```
</body>
```

```
</html>
```

```
"; $sldb = mysql_select_db("coust",$con); if(!$sldb) { die("not found".mysql_error()); } echo "Database selected"."  
"; $query = "select * from customer"; $sql = mysql_query($query); echo ""; while($row = mysql_fetch_array($sql)) { echo ""; echo ""; echo ""; echo ""; echo ""; echo ""; } echo "  
"; ?>
```

C_No	C_Name	Item_Purchased	Mob_no
"\$row['c_no']"	"\$row['c_name']"	"\$row['item_purchased']"	"\$row['mob_no']"

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2nd:-

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<Script
```

```
src = "https://ajax.googleapis.com/ajax  
/libs/jquery/3.4.0/jquery.min.js"
```

```
</Script>
```

```
<script>
```

```
$(document).ready(function() {
```

```
  $("#hide").click(function() {
```

```
    $("#p").show();
```

```
  });
```

```
  $("#show").click(function() {
```

```
    $("#p").show();
```

```
  });
```

```
});
```

```
</script>
```

```
</head>
```

```
<body>
```

<h2> Program to show and hide using  
jQuery </h2>

<p> Hi this is Javascript and today is  
a good day </p>

<button id = "hide" > hide </button>

<button id = "show" > show </button>

</body>

</html>

```
"; $sldb = mysql_select_db("coust",$con); if(!$sldb) { die("not found".mysql_error()); } echo "Database selected"."
```

```
"; $query = "select * from customer"; $sql = mysql_query($query); echo ""; while($row = mysql_fetch_array($sql)) { echo ""; echo ""; echo ""; echo ""; echo ""; echo ""; } echo "
```

C_No	C_Name	Item_Purchased	Mob_no
".\$row['c_no']."	".\$row['c_name']."	".\$row['item_purchased']."	".\$row['mob_no']."

```
"; ?>
```



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Ques 3:-

```
Setwd("C:/Users/HPI/Documents/Data sets")
```

```
library(dplyr)
```

```
coviddata <- read.csv("covid.csv")
```

```
names(coviddata)
```

```
dim(coviddata)
```

```
str(coviddata)
```

```
summary(coviddata)
```

```
coviddata$Total.Cases
```

```
coviddata$State.Ut
```

```
sum(coviddata$Total.Cases)
```

```
coviddata$Active
```

```
Covi-table <- table(coviddata$Active)
```

```
Covi-table
```

```
sum(coviddata$Active)
```

```
coviddata$Total.Cases
```

```
top-states <- head(coviddata, 10)
```

```
top-states
```

```
top-states$Total.Cases
```



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top - States - \$ Deaths

top - States \$ Discharged

top - States \$ States

Barplot = (top - States \$ Deaths, names.a rg =  
top - States \$ States, Col = "green")

report.R x Hello World.R x College project.R\* x Language Basics.R\* x

Source on Save Run Source

```
1 setwd("C:/Users/HP/Documents/Data Sets")
2
3 library(dplyr)
4 covidata<-read.csv("covid.csv")
5 covidata
6
7 names(covidata)
8 dim(covidata)
9 str(covidata)
10 summary(covidata)
11 covidata$Total.Cases
12 covidata$State.UTs
13 sum(covidata$Total.Cases)
14 covidata$Active
15
16 covi_table<-table(covidata$Active)
```

11:1 (Top Level) R Script

Environment History Co

Files Plots Pack

Zoom Exp

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### Ques 4:- Descriptive

Barplot (top - states \$ Deaths, names.arg = top - states \$ states, col = "red")

barplot (top - states \$ Deaths names.arg = top - states \$ states \$ Discharged,

names.arg = top - states \$ states, col = "yellow")

pie (top - states \$ Deaths, top - state \$ status, main = "Deaths on state due to Covid")

hist (top - states \$ Deaths)

plot (top - states \$ Deaths, top - states \$ Discharged, col = "blue")

Total.Cases

min (Covid data \$ Total.Cases)

max (Covid data \$ Total.Cases)

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## Inferential Statistics :-

### Above Data Set

~~min of the above dataset is 01164378~~

~~Median of the total cases~~

In Inferential Statistics we take the summary of the given dataset of the C.SU file

Total Cases

(min(Covid data \$ Total Cases)

max (Covid data \$ Total Cases)

- The Maximum number of cases are = 6643179

The maximum deaths are

141243



```
> summary(covidata)
```

States	Total.Cases	Active
Length:29	Min. : 32151	Min. : 28
Class :character	1st Qu.: 179419	1st Qu.: 210
Mode :character	Median : 726296	Median : 389
	Mean : 1164378	Mean : 3075
	3rd Qu.: 1441662	3rd Qu.: 1954
	Max. : 6643179	Max. : 39240

  

Discharged	Deaths	Active.Ratio
Min. : 31351	Min. : 280	Min. : 0.0100
1st Qu.: 175501	1st Qu.: 3482	1st Qu.: 0.0400
Median : 714143	Median : 8956	Median : 0.1500
Mean : 1453447	Mean : 16141	Mean : 0.2686
3rd Qu.: 1595452	3rd Qu.: 16618	3rd Qu.: 0.2800
Max. : 9932193	Max. : 141243	Max. : 2.2400

  

Discharge.Ratio	Death.Ratio	Population
Min. : 97.18	Min. : 0.370	Min. : 658019