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Course: MCA

Sem: ISec :A

Roll No: 2101066

END TERM EXAMINATION

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Course: MCA Sem: 1 Sec: A

Roll No: 2101066

END-SEMESTER PRACTICAL

Sol 1 : // displaying customer information from "customeidb"

CODE:

dbconnection.php

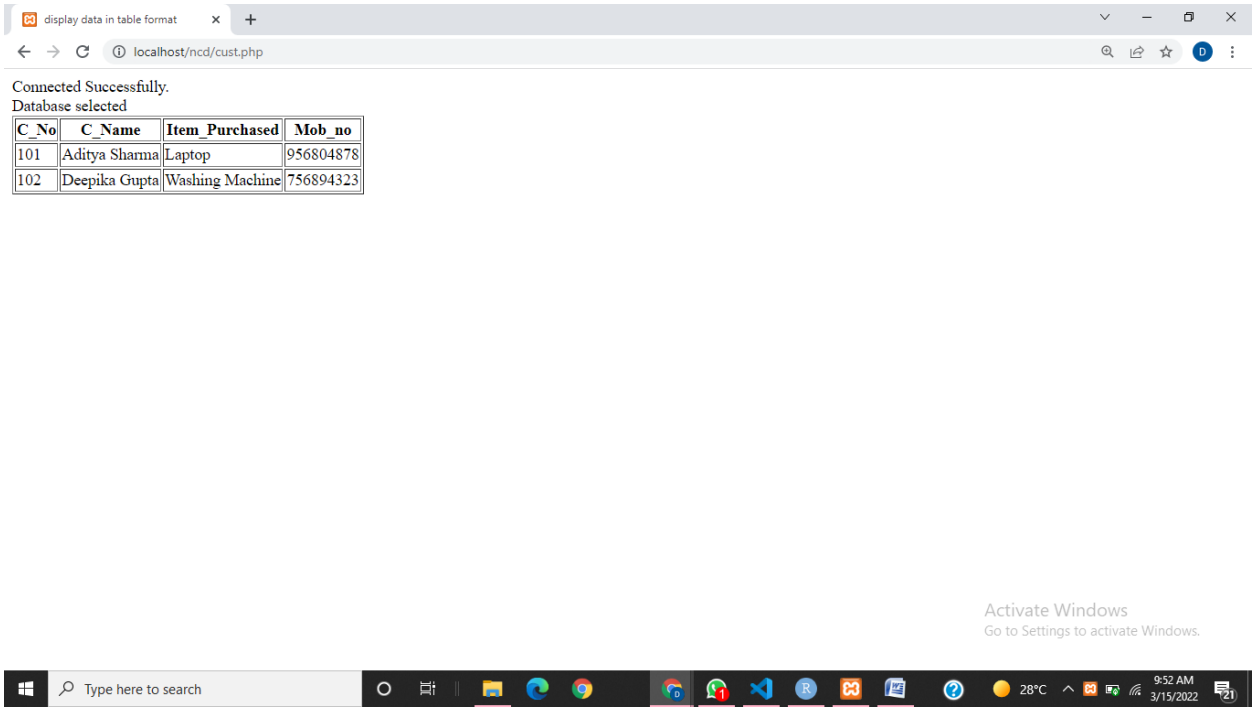
```
<? php
 function OpenCon()
 {
   $dbhost = "localhost";
   $dbuser = "root";
   $dbpass = "divyakaira@123";
   $db = "customer db";
   $conn = newmysqli($dbhost, $dbuser, $dbpass, $db) or
           die ("Connect failed : %s \n" . $conn→error);
   return $conn;
 }
 function CloseCon ($conn)
 {
 $conn → close();
}
?>
```

Cust.php

```
<html>
<head>
<title> display data in table format </title>
</head>
<body>
<?php
include 'db_connection.php';
$conn = OpenCon();
echo "Connected Successfully. <br>";
$db = mysqli_select_db($conn, "customer db");
if (!$db)
{
die ("notfound". mysql_error());
}
echo "Database selected"."<br>";

$sql = mysqli_query ($conn, "SELECT * FROM customer");
echo "<table border = '1'>
<tr>
<th> C_No </th>
<th> C_Name </th>
<th> Item_Purchased </th>
<th> Mob-No </th>
```

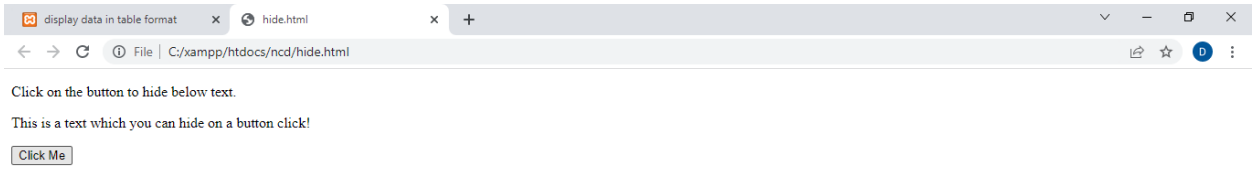
```
while ($row = mysqli_fetch_array($sql))
{
 echo "<tr>";
 echo "<td>". $row['c_no']."</td>";
 echo "<td>". $row['item_purchased']. "</td>";
 echo "<td>" . $row['mob_no] . "</td>";
 echo "</tr>";
}
 echo "</table>";
 ?>
 </body>
 </html>
```


display data in table format
localhost/ncd/cust.php
Connected Successfully.
Database selected
C_No | C_Name | Item_Purchased | Mob_no
101 | Aditya Sharma | Laptop | 956804878
102 | Deepika Gupta | Washing Machine | 756894323
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C
9:52 AM
3/15/2022

Sol 2: hide a paragraph

```
<!DOCTYPE html>
<head>
<script src = "https://ajax.googleapis.com/ajax/libs/
              jquery/3.6.0/jquery.min.js">
</script>
</head>

<body>
  <p> Click on the button to hide the ~~text~~ below
     ~~below~~ text </p>
  <p id = "test">
     This is a text which you can hide on
     a button click!
  </p>
  <button> Click me </button>
  <script>
     $('button').click(function(){
        $("#test").hide()
     })
  </script>
  </body>
  </html>
```

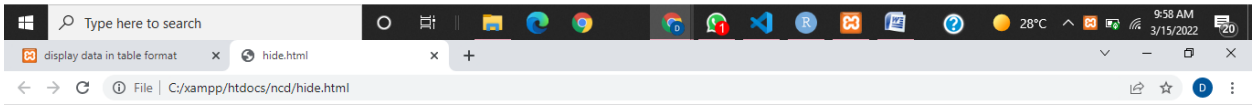


Click on the button to hide below text.

This is a text which you can hide on a button click!

Click Me

Activate Windows
Go to Settings to activate Windows.



Click on the button to hide below text.

Click Me

Activate Windows
Go to Settings to activate Windows.

Ans 3:

```
setwd ("C:/Users/Divya/Downloads")
mydata <- read.csv("Sales.csv")
install.packages("ggplot2")
library(ggplot2)
```

→ Histogram

```
ggplot(mydata, aes(y = UnitsSold, x = Region)) + geom_bar
(stat = "identity")
```

→ Pie chart

```
ggplot(mydata, aes(y = "", fill = Region, x = UnitsSold)) +
geom_bar(width = 1, stat = "identity") + coord_polar("x",
start = 0)
```

→ Scatter plotting

```
ggplot(mydata, aes(x = Region, y = UnitsSold)) + geom_point()
```

Quantitative

- To find minimum

```
min(mydata$TotalProfit)
```

*

→ To find max

max (mydata $ Total Profit)

→ To find mean

mean (mydata $ Total Profit)

→ To find median

median (mydata $ Total Profit)

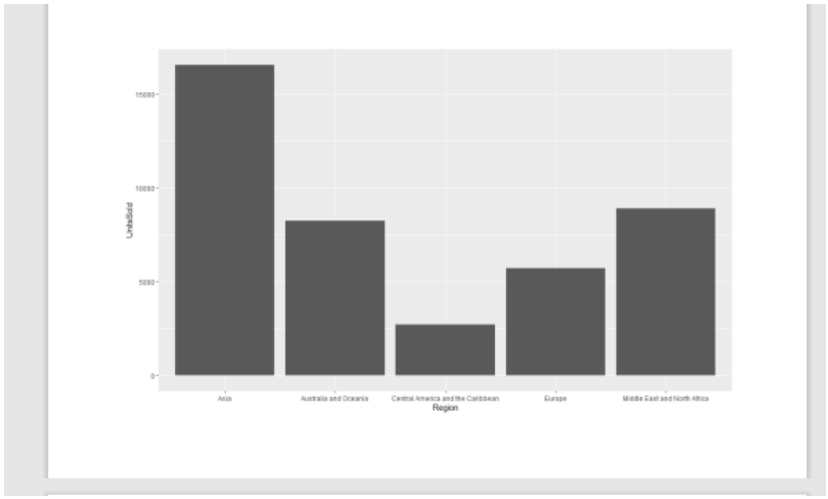
→ Standard deviation and Variance

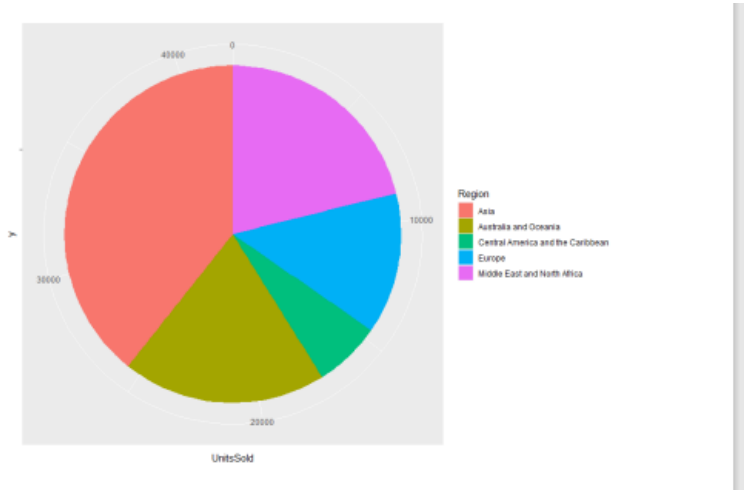
sd (mydata $ Total Profit)

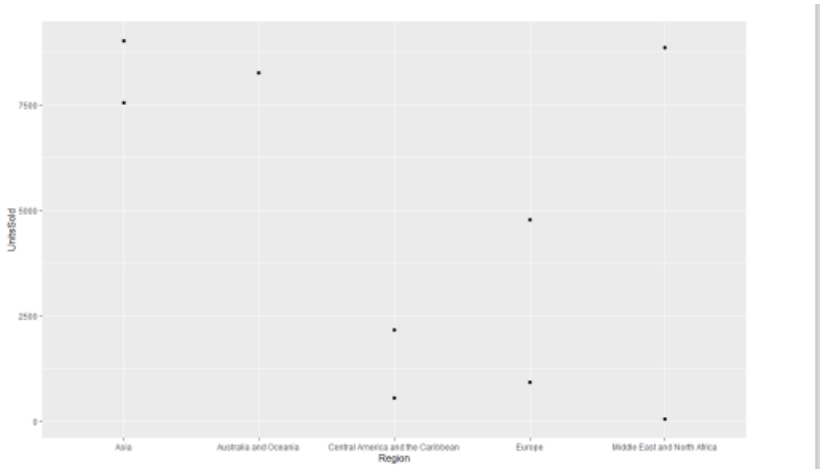
var (mydata $ Total Profit)

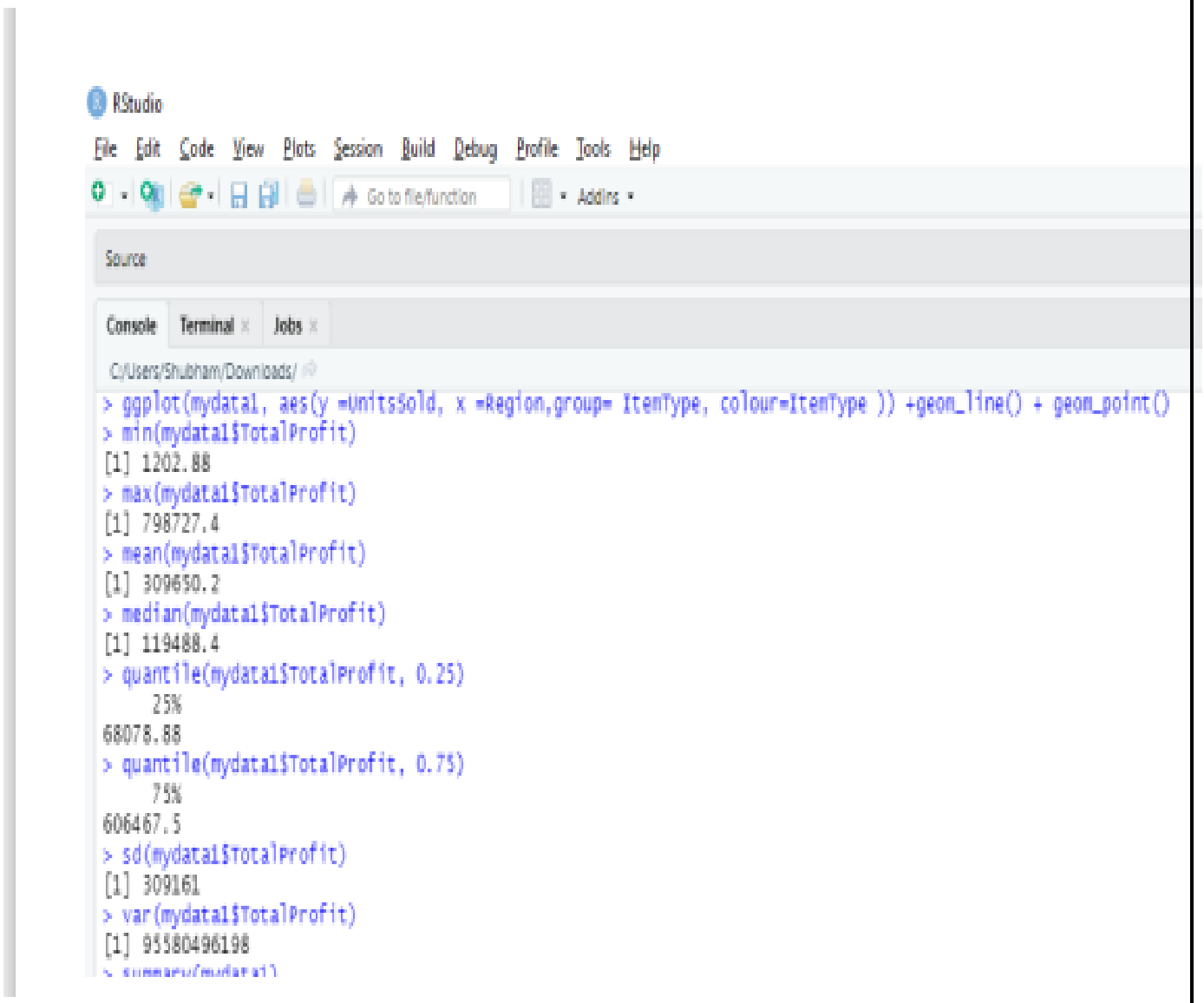
→ Summary

summary (mydata)


15000
10000
5000
0
UnitsSold
Asia
Australia and Oceania
Central America and the Caribbean
Europe
Middle East and North Africa
Region


0
10000
20000
30000
40000
y
UnitsSold
Region
Asia
Australia and Oceania
Central America and the Caribbean
Europe
Middle East and North Africa


7500
5000
2500
0
UnitsSold
Asia
Australia and Oceania
Central America and the Caribbean
Europe
Middle East and North Africa
Region


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Source
Console
Terminal
Jobs
C:/Users/Shubham/Downloads/
> ggplot(mydata1, aes(y =UnitsSold, x =Region,group= ItemType, colour=ItemType)) +geom_line() + geom_point()
> min(mydata1$TotalProfit)
[1] 1202.88
> max(mydata1$TotalProfit)
[1] 798727.4
> mean(mydata1$TotalProfit)
[1] 309650.2
> median(mydata1$TotalProfit)
[1] 119488.4
> quantile(mydata1$TotalProfit, 0.25)
25%
68078.88
> quantile(mydata1$TotalProfit, 0.75)
75%
606467.5
> sd(mydata1$TotalProfit)
[1] 309161
> var(mydata1$TotalProfit)
[1] 95580496198

```
> summary(mydata1)
    Region             Country             ItemType         Sales.Channel
 Length:9           Length:9           Length:9           Length:9
 Class :character   Class :character   Class :character   Class :character
 Mode  :character   Mode  :character   Mode  :character   Mode  :character


 OrderPriority       OrderDate            OrderID             ShipDate
 Length:9           Length:9           Min.   :301644504   Length:9
 Class :character   Class :character   1st Qu.:478051030   Class :character
 Mode  :character   Mode  :character   Median :579814469   Mode  :character
                                       Mean   :671765267
                                       3rd Qu.:919133651
                                       Max.   :957081544
   UnitsSold       UnitPrice         UnitCost        TotalRevenue
 Min.   :  48   Min.   : 47.45   Min.   : 31.79   Min.   :   3923
 1st Qu.: 927   1st Qu.:109.28   1st Qu.: 35.84   1st Qu.: 140915
 Median :4778   Median :109.28   Median : 56.67   Median : 330641
 Mean   :4681   Mean   :135.91   Mean   : 74.15   Mean   : 630825
 3rd Qu.:8258   3rd Qu.:152.58   3rd Qu.: 97.44   3rd Qu.: 966145
 Max.   :9016   Max.   :255.28   Max.   :159.42   Max.   :1854591
   TotalCost        TotalProfit
 Min.   :   2720   Min.   :  1203
 1st Qu.:  88000   1st Qu.: 68079
 Median : 211153   Median :119488
 Mean   : 321175   Mean   :309650
 3rd Qu.: 316861   3rd Qu.:606468
 Max.   :1055864   Max.   :798727
>
```