Name - Sahib Khan Student ID - 2171107 3 Section - 'A'
Father Name - Jakir Husain Roll no - 2101179

(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 ("cust", $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>
 <th> C_Name </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 ['c_name']. "</td>";
    echo " <td>". $row ['item_purchased']. "</td>";
    echo " <td>". $row ['mob_no']. "</td>";
    echo " </tr> ";
  }
  echo " </table>";
 ?>
</body>
</html>
```

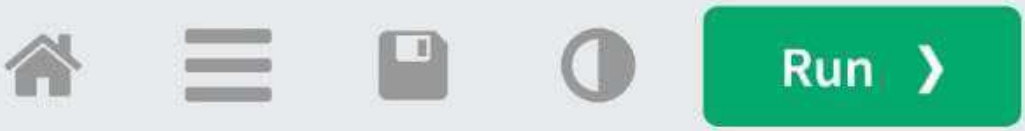
Connection open

Database selected

C_No	C_Name	Item_Purchased	Mob_no
1	Sahib khan	Pencil	9545414548
2	Vikash	Eraser	9635484584

Q2

```
<!DOCTYPE html>
<html>
<head>
<script
  src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
  </script>
  <script>
    $(document).ready(function(){
      $("hide").click(function(){
        $("p").hide();
      });
      $("#show").click(function(){
        $("p").show();
      });
    });
    </script>
    </head>
    <body>
  <p> If you click on "Hide" button, I will disappear.</p>
    <button id="hide">Hide</button>
    <button id="show">Show</button>
    </body>
    </html>
```




```
    $("p").show();
  });
});
</script>
</head>
<body>

<p>If you click on the "Hide" button, I
will disappear.</p>

<button id="hide">Hide</button>
<button id="show">Show</button>

</body>
</html>
```

If you click on the "Hide" button, I will disappear.

Hide Show

Name- Sahib Khan, Univ. Roll no - 2101179

Q3

→ Installing dplyr & plotrix package

```
install.packages ("dplyr")
install.packages ("plotrix")
```

→ Setting working directory

```
setwd ("D:/")
```

→ Library

```
Library dplyr(dplyr)
Library (plotrix)
```

→ Reading .csv file

```
getdata ← read.csv ("motorcycles_gears.csv")
```

→ Plotting graphs

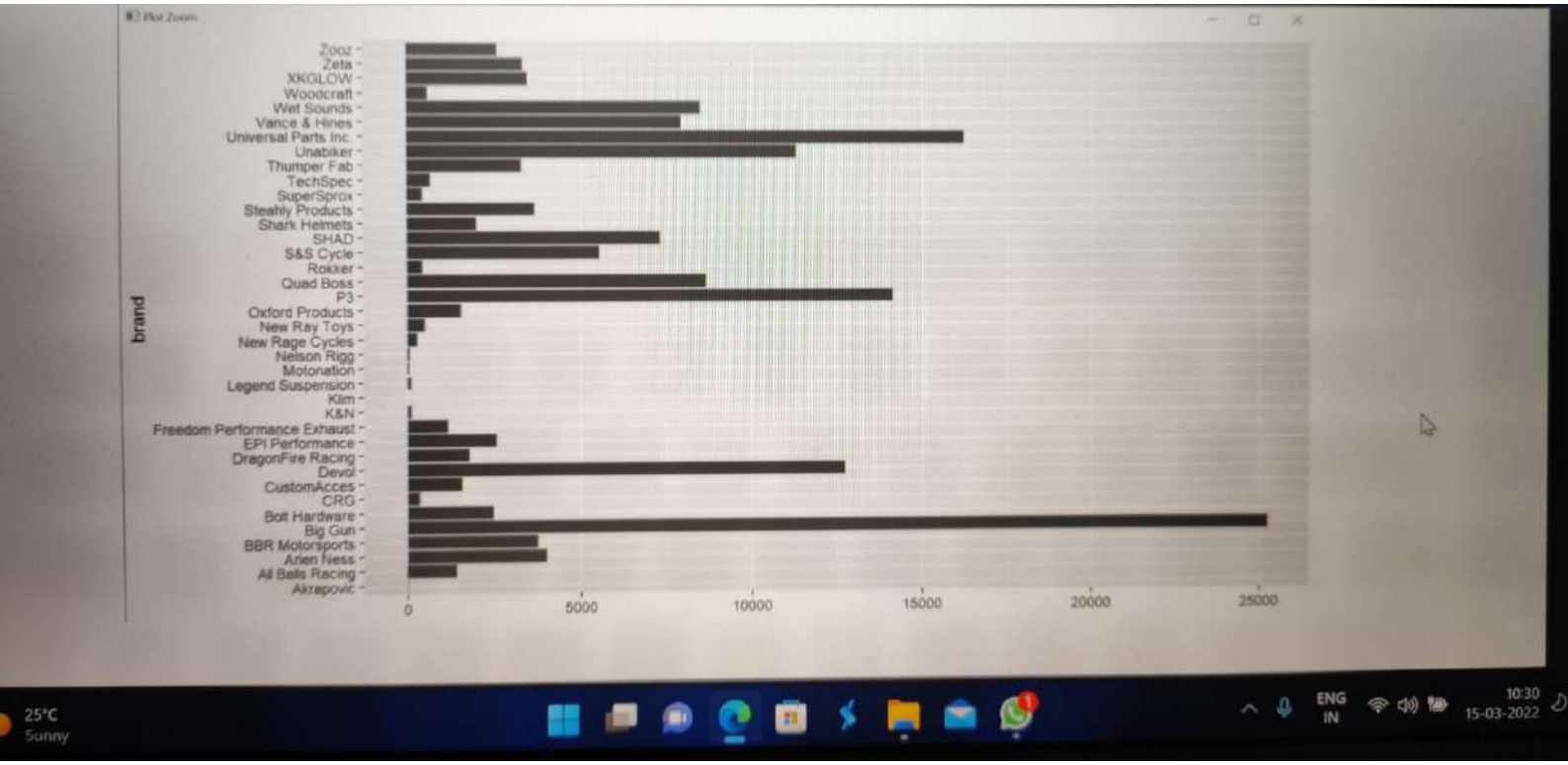
↳ ggplot()

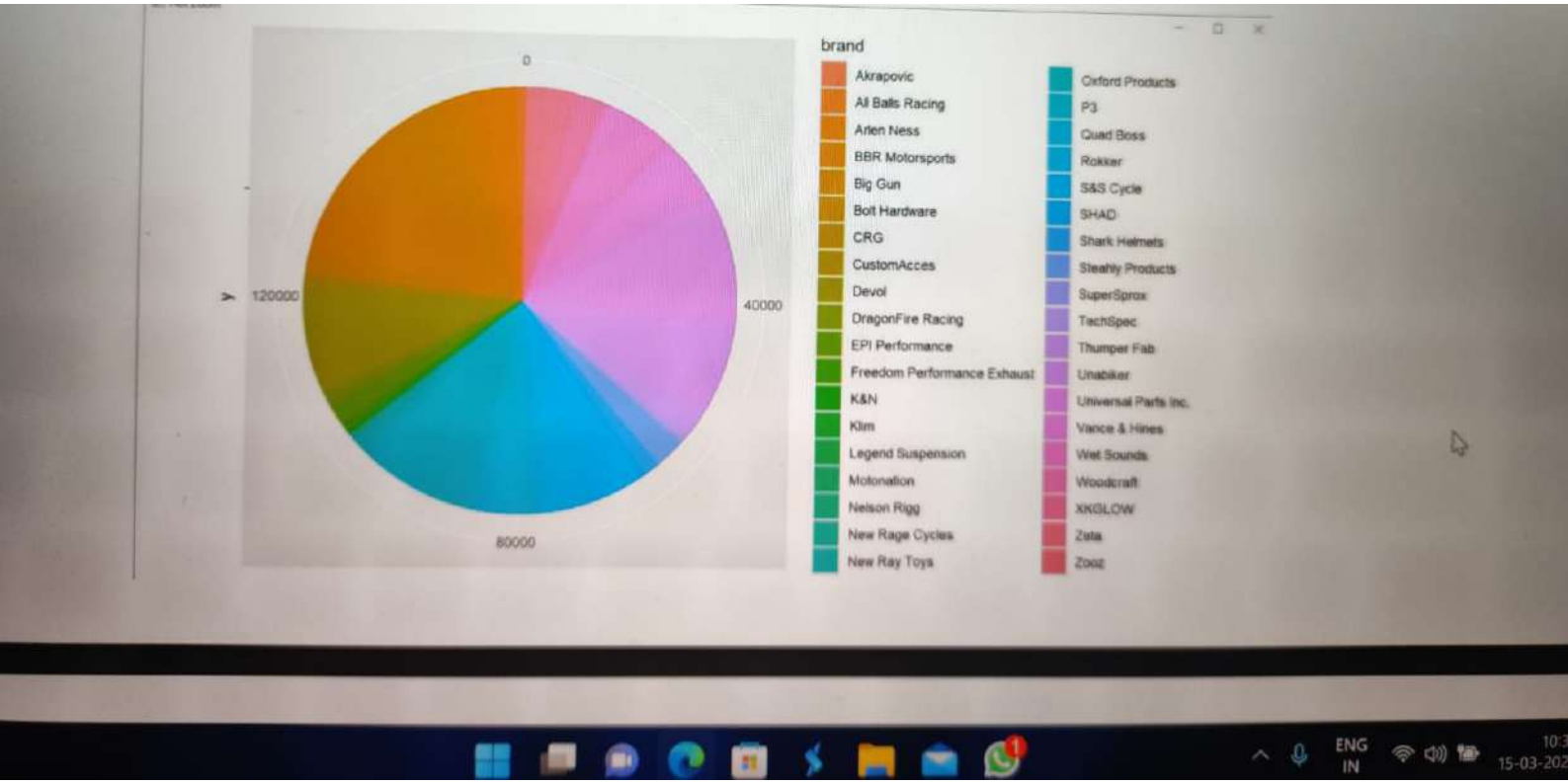
↳ Library (ggplot2)

① Histogram → ggplot (motorcycle_gears, aes(y=gear_name, x= brand))+geom_bar (stat="identity")

② Pie chart → ggplot (motorcycle_gears, aes(y="", fiv= brand, x= price))
+ geom_bar (width=1, stat="identity") + coord_polar("x", start=0)

③ Box plot → ggplot (motor cycle_gears, aes (x= price, y= brand)) +geom_boxplot().


Plot Zoom
brand
Zooz
Zeta
XKGLOW
Woodcraft
Wet Sounds
Vance & Hines
Universal Parts Inc.
Unabiker
Thumper Fab
TechSpec
SuperSprox
Stealth Products
Shark Helmets
SHAD
S&S Cycle
Rokker
Quad Boss
P3
Oxford Products
New Ray Toys
New Rage Cycles
Nelson Rigg
Motonation
Legend Suspension
Klim
K&N
Freedom Performance Exhaust
EPI Performance
DragonFire Racing
Devol
CustomAcces
CRG
Bolt Hardware
Big Gun
BBR Motorsports
Arlen Ness
All Balls Racing
Akrapovic
0
5000
10000
15000
20000
25000


0
40000
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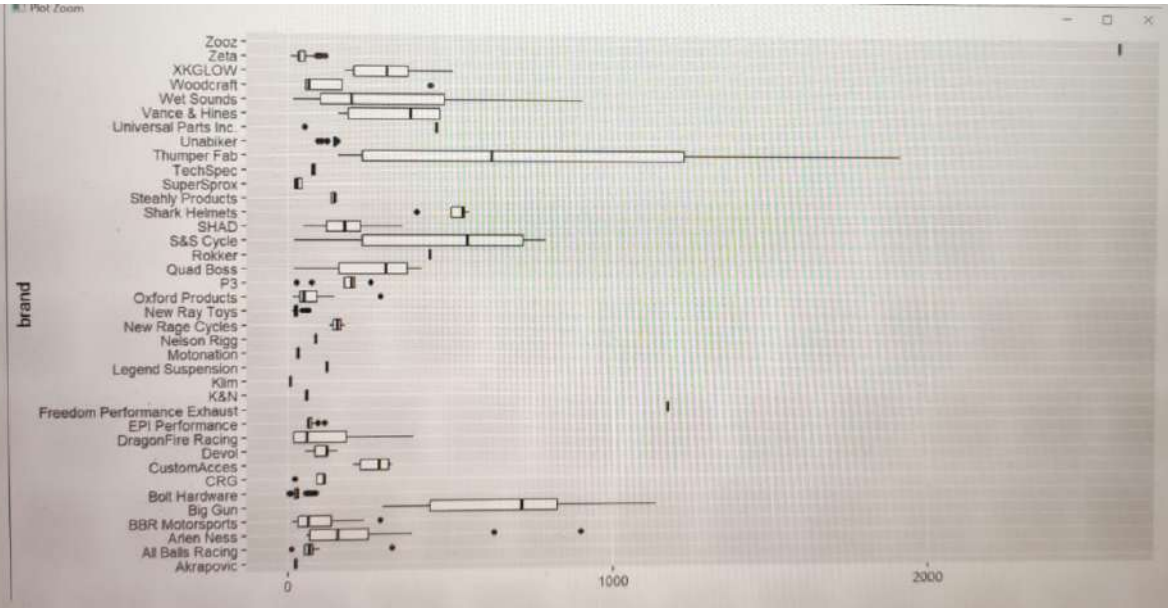
y
brand
Akrapovic
All Balls Racing
Arlen Ness
BBR Motorsports
Big Gun
Bolt Hardware
CRG
CustomAcces
Devol
DragonFire Racing
EPI Performance
Freedom Performance Exhaust
K&N
Klim
Legend Suspension
Motonation
Nelson Rigg
New Rage Cycles
New Ray Toys
Oxford Products
P3
Quad Boss
Rokker
S&S Cycle
SHAD
Shark Helmets
Stealthy Products
SuperSprox
TechSpec
Thumper Fab
Unabiker
Universal Parts Inc.
Vance & Hines
Wet Sounds
Woodcraft
XKGLOW
Zeta
Zoog



Name- Sahib Khan , Student ID - 2171073
University Roll no. - 2101179, Course - MCA.

Q4

* Descriptive statistics

① No. of rows
↳ nrow (motorcycle_gears)

② No. of columns
↳ ncol (motorcycle_gears)

③ Minimum value
↳ min (motorcycle_gear $price)

④ Maximum value
↳ max (motorcycle_gear $price)

⑤ Mean
↳ mean (motorcycle_gear $price)

⑥ Median
↳ meadian (motorcycle_gear $price)

⑦ Standard deviation
↳ sd (motorcycle_gear $price)

⑧ Summary
↳ summary (motorcycle_gears)

* Inferential Statistics

① Chi-test

model <- chisq.test (motorcycle_gears)
model
p-value = 0.287677 > 0.05
↳ motorcycle_gear is correlated & accept NULL hypothesis.

② Correlation Coefficient

cor (motorcycle_gears $price, motorcycle_gears $brand)

③ Annova test

mydata <- aov (motorcycle_gears $price ~ motorcycle_gear $brand).