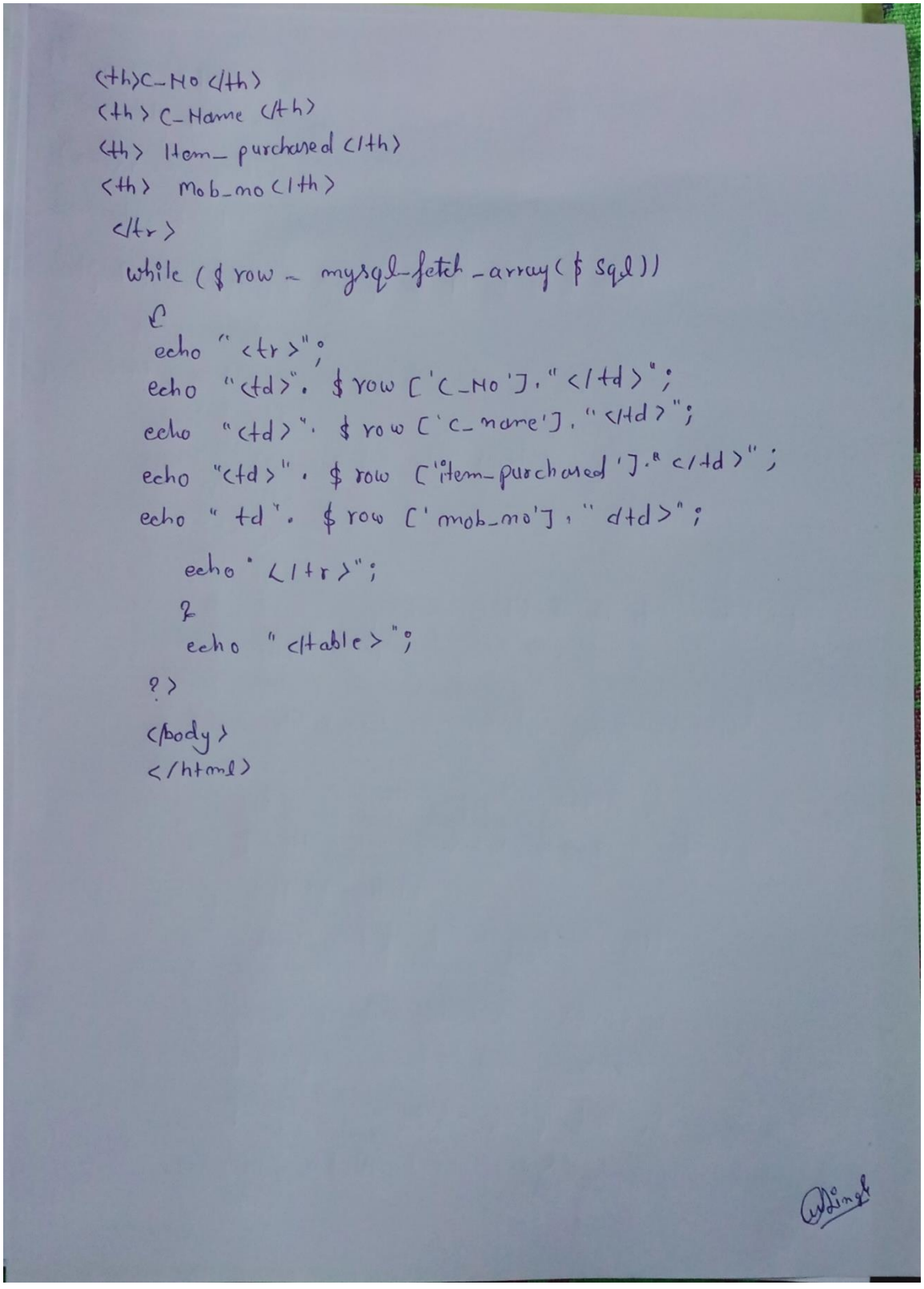
Answer 1-



```
<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']; " d td>";
        echo " </tr>";
        }
        echo " </table>";
     ?>
     </body>
     </html>
```

Name → Manjeet Singh
University Roll no → 2101110
Course → MCA
Semester → 1st
Subject → Scripting Language (TMP103) and R Programming

Answer → 1

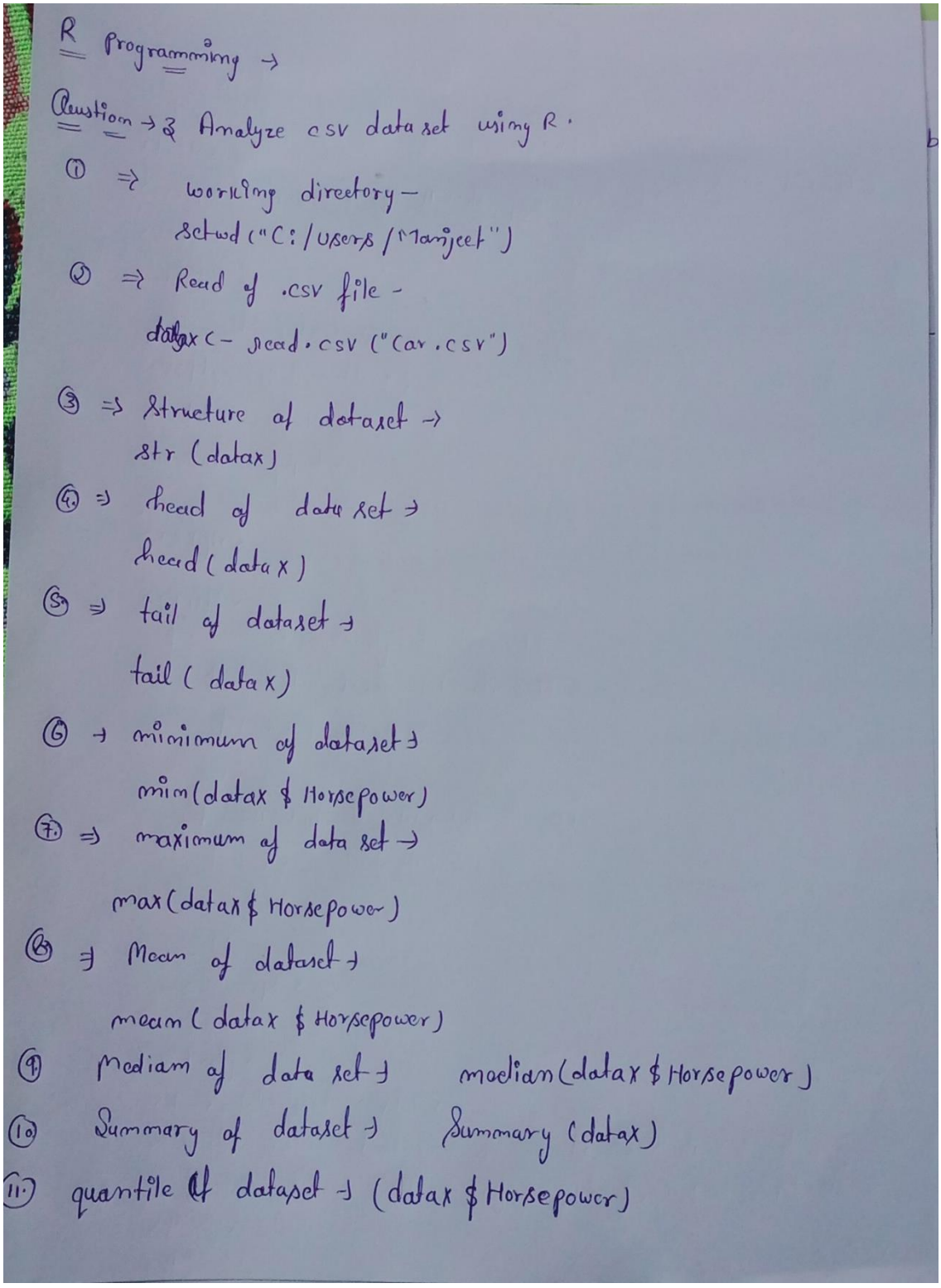
```
<html>
<head>
<title> Data formate </title>
</head>
<body>
 <?PHP
    $ con = mysql_connect ("localhost", "root", "" );
    if (! $con)
    {
     die ("not connected". mysql_error());
    }
   echo " Connection open". "<br>";
   $ sldb = mysql_select_db (" cust", $con);
   if( ! $ sldb ) {
   die ("not found ", mysql_error());
   }
   echo " Database selected ", "<br/> ";
   $ query = "select * from customer ";
   $ sql = mysql_query ( $query);
   echo " <table border = '1' >
   <tr>
```

Manjeet.

Answer 2-

```
(2.  <!doctype html>  <html>
     <head>
     <title> jquery hide and show </title>
     <Script src=" https://code.jquery.com/min.js"></Script>
     <style>
      .button {
      text-align: center;
      display : inline-block;
      font-size: 14 px;
      cursor: pointer;
     }
     </style>
     <script>
       $(document).ready(function (){
          $("#show").click(function(){
           $("h2").show();
          });
          $("#hide").click(function(){
           $("h2").hide();
          });
          });
          </script>
          </head>
         <body>
         <h2> Manjeet </h2>
         <button class="button" id="hide"> hide </button>
         <button class="button" id="show"> Show </button>
         </body>
         </html>
```

Answer 3-



R Programming →

Question → Analyze csv data set using R.

① ⇒ working directory –
setwd("C:/Users/Manjeet")

② ⇒ Read of .csv file –
datax <- read.csv("car.csv")

③ ⇒ Structure of dataset →
str(datax)

④ ⇒ head of data set →
head(datax)

⑤ ⇒ tail of dataset →
tail(datax)

⑥ → minimum of dataset →
min(datax $ Horsepower)

⑦ ⇒ maximum of data set →
max(datax $ Horsepower)

⑧ ⇒ Mean of dataset →
mean(datax $ Horsepower)

⑨ Median of data set → median(datax $ Horsepower)

⑩ Summary of dataset → Summary(datax)

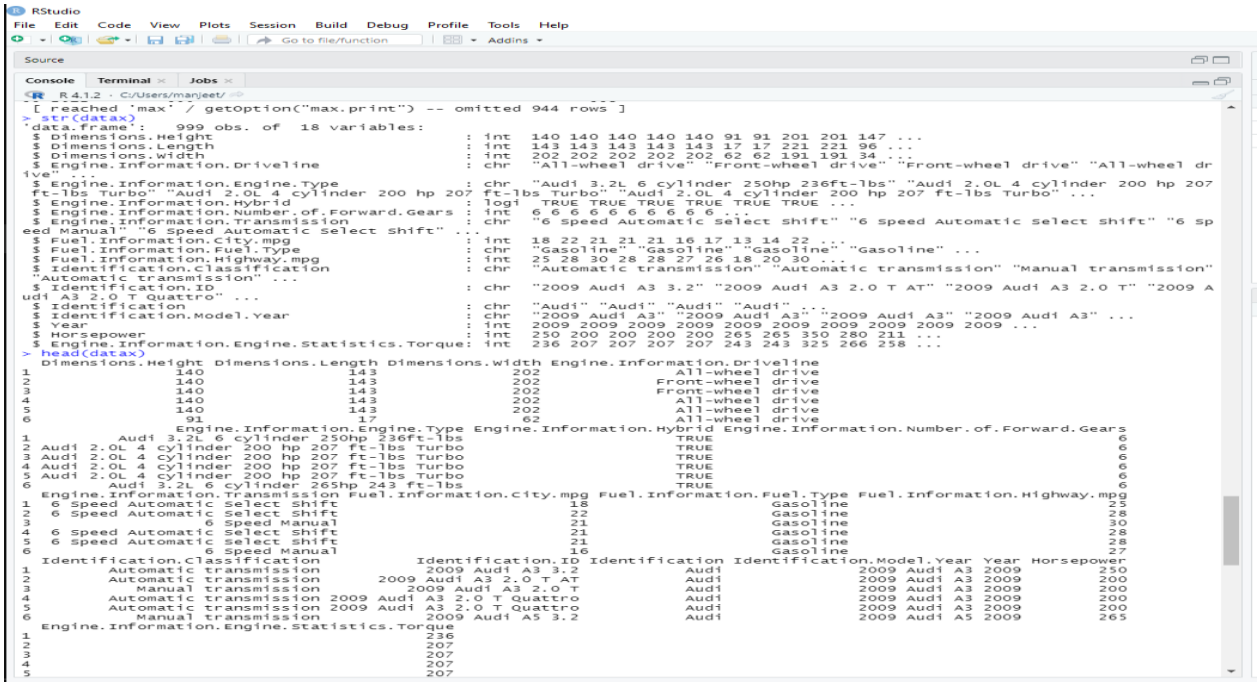
⑪ quantile of dataset → (datax $ Horsepower)

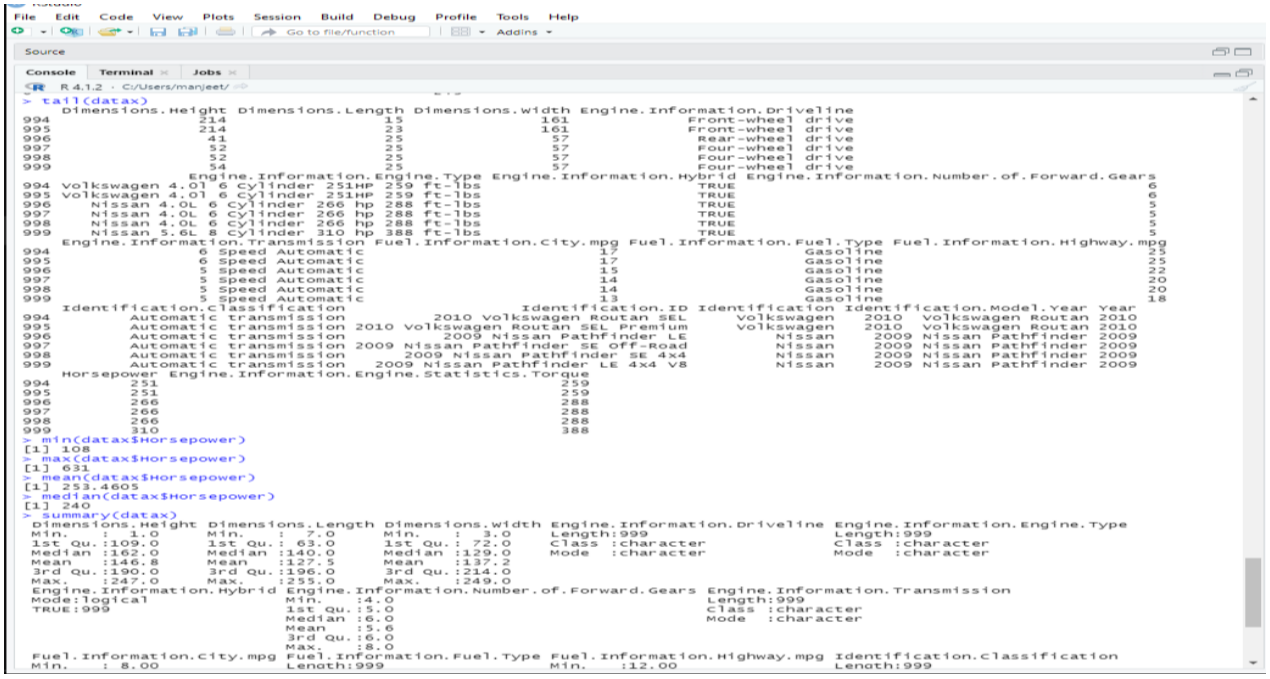
Setting Of Working Directory—

setwd("C:/Users/manjeet")

Reading Of .csv file—

datax <- read.csv("car.csv")





```
> tail(datax)
    Dimensions.Height Dimensions.Length Dimensions.Width Engine.Information.Driveline
994               214                15               161          Front-wheel drive
995               214                23               161          Front-wheel drive
996                41                25                57           Rear-wheel drive
997                52                25                57           Four-wheel drive
998                52                25                57           Four-wheel drive
999                54                25                57           Four-wheel drive
    Engine.Information.Engine.Type Engine.Information.Hybrid Engine.Information.Number.of.Forward.Gears
994 Volkswagen 4.0l 6 Cylinder 251HP 259 ft-lbs                                                      TRUE                                                                6
995 Volkswagen 4.0l 6 Cylinder 251HP 259 ft-lbs                                                      TRUE                                                                6
996     Nissan 4.0L 6 Cylinder 266 hp 288 ft-lbs                                                     TRUE                                                                5
997     Nissan 4.0L 6 Cylinder 266 hp 288 ft-lbs                                                     TRUE                                                                5
998     Nissan 4.0L 6 Cylinder 266 hp 288 ft-lbs                                                     TRUE                                                                5
999     Nissan 5.6L 8 Cylinder 310 hp 388 ft-lbs                                                     TRUE                                                                5
    Engine.Information.Transmission Fuel.Information.City.mpg Fuel.Information.Fuel.Type Fuel.Information.Highway.mpg
994                6 Speed Automatic                       17                   Gasoline                          25
995                6 Speed Automatic                       17                   Gasoline                          25
996                5 Speed Automatic                       15                   Gasoline                          22
997                5 Speed Automatic                       14                   Gasoline                          20
998                5 Speed Automatic                       14                   Gasoline                          20
999                5 Speed Automatic                       13                   Gasoline                          18
    Identification.Classification                 Identification.ID Identification Identification.Model.Year Year
994           Automatic transmission 2010 Volkswagen Routan SEL      Volkswagen    2010  Volkswagen Routan 2010
995           Automatic transmission 2010 Volkswagen Routan SEL Premium Volkswagen    2010  Volkswagen Routan 2010
996           Automatic transmission      2009 Nissan Pathfinder LE          Nissan    2009 Nissan Pathfinder 2009
997           Automatic transmission 2009 Nissan Pathfinder SE Off-Road      Nissan    2009 Nissan Pathfinder 2009
998           Automatic transmission      2009 Nissan Pathfinder SE 4x4      Nissan    2009 Nissan Pathfinder 2009
999           Automatic transmission   2009 Nissan Pathfinder LE 4x4 V8      Nissan    2009 Nissan Pathfinder 2009
    Horsepower Engine.Information.Engine.Statistics.Torque
994        251                                         259
995        251                                         259
996        266                                         288
997        266                                         288
998        266                                         288
999        310                                         388
> min(datax$Horsepower)
[1] 108
> max(datax$Horsepower)
[1] 631
> mean(datax$Horsepower)
[1] 253.4605
> median(datax$Horsepower)
[1] 240
> summary(datax)
 Dimensions.Height Dimensions.Length Dimensions.Width Engine.Information.Driveline Engine.Information.Engine.Type
 Min.   :  1.0     Min.   :  7.0     Min.   :  3.0    Length:999                   Length:999
 1st Qu.:109.0     1st Qu.: 63.0     1st Qu.: 72.0    Class :character             Class :character
 Median :162.0     Median :140.0     Median :129.0    Mode  :character             Mode  :character
 Mean   :146.8     Mean   :127.5     Mean   :137.2
 3rd Qu.:190.0     3rd Qu.:196.0     3rd Qu.:214.0
 Max.   :247.0     Max.   :255.0     Max.   :249.0
 Engine.Information.Hybrid Engine.Information.Number.of.Forward.Gears Engine.Information.Transmission
 Mode:logical              Min.   :4.0                                Length:999
 TRUE:999                  1st Qu.:5.0                                Class :character
                           Median :6.0                                Mode  :character
                           Mean   :5.6
                           3rd Qu.:6.0
                           Max.   :8.0
 Fuel.Information.City.mpg Fuel.Information.Fuel.Type Fuel.Information.Highway.mpg Identification.Classification
 Min.   : 8.00             Length:999                 Min.   :12.00                Length:999
```

```
> min(datax$Horsepower)
[1] 108
> max(datax$Horsepower)
[1] 631
> mean(datax$Horsepower)
[1] 253.4605
> median(datax$Horsepower)
[1] 240
> summary(datax)
 Dimensions.Height Dimensions.Length Dimensions.Width Engine.Information.Driveline Engine.Information.Engine.Type
 Min.   :  1.0     Min.   :  7.0     Min.   :  3.0    Length:999                   Length:999
 1st Qu.:109.0     1st Qu.: 63.0     1st Qu.: 72.0    Class :character             Class :character
 Median :162.0     Median :140.0     Median :129.0    Mode  :character             Mode  :character
 Mean   :146.8     Mean   :127.5     Mean   :137.2
 3rd Qu.:190.0     3rd Qu.:196.0     3rd Qu.:214.0
 Max.   :247.0     Max.   :255.0     Max.   :249.0
 Engine.Information.Hybrid Engine.Information.Number.of.Forward.Gears Engine.Information.Transmission
 Mode:logical              Min.   :4.0                                Length:999
 TRUE:999                  1st Qu.:5.0                                Class :character
                           Median :6.0                                Mode  :character
                           Mean   :5.6
                           3rd Qu.:6.0
                           Max.   :8.0
 Fuel.Information.City.mpg Fuel.Information.Fuel.Type Fuel.Information.Highway.mpg Identification.Classification
 Min.   : 8.00             Length:999                 Min.   :12.00                Length:999
 1st Qu.:17.00             Class :character           1st Qu.:24.00                Class :character
 Median :19.00             Mode  :character           Median :27.00                Mode  :character
 Mean   :19.67                                        Mean   :27.68
 3rd Qu.:23.00                                        3rd Qu.:31.00
 Max.   :38.00                                        Max.   :42.00
 Identification.ID  Identification     Identification.Model.Year      Year       Horsepower
 Length:999         Length:999         Length:999                 Min.   :2009   Min.   :108.0
 Class :character   Class :character   Class :character           1st Qu.:2010   1st Qu.:170.0
 Mode  :character   Mode  :character   Mode  :character           Median :2011   Median :240.0
                                                                  Mean   :2011   Mean   :253.5
                                                                  3rd Qu.:2011   3rd Qu.:305.5
                                                                  Max.   :2012   Max.   :631.0

 Engine.Information.Engine.Statistics.Torque
 Min.   :105.0
 1st Qu.:167.0
 Median :246.0
 Mean   :248.6
 3rd Qu.:280.0
 Max.   :774.0
> ggplot(datax , aes(x=Identification , y= Horsepower )) + geom_bar(stat = "identity")
> ggplot(datax , aes(y="" , fill =Identification, x = Horsepower))+geom_bar(width = 1 , stat = "identity")+coord_polar("x" ,
 start=1)
> ggplot(datax , aes(x = Identification, y = Horsepower )) + geom_boxplot()
> ggplot(datax , aes(x = Identification, y = Horsepower )) + geom_point()
> ggplot(datax , aes(x = Identification, y = Horsepower , group= Year, colour=Year )) +geom_line() +geom_point()
>
```

Answer-4

Question → 4 Descriptive and infrential statical of above dataset

12. Bar Graphs →

ggplot(datax, aes(x = Identification, y = Horsepower)) + geom_bar(stat = "identity")

13. Boxplot chart →

ggplot(datax, aes(x = identification, y = Horsepower)) + geom_boxplot()

14. Lime Graph →

ggplot(datax, aes(x = Identification, y = Horsepower, group = year, colour = year)) + geom_line() + geom_point()

15. Pie chart →

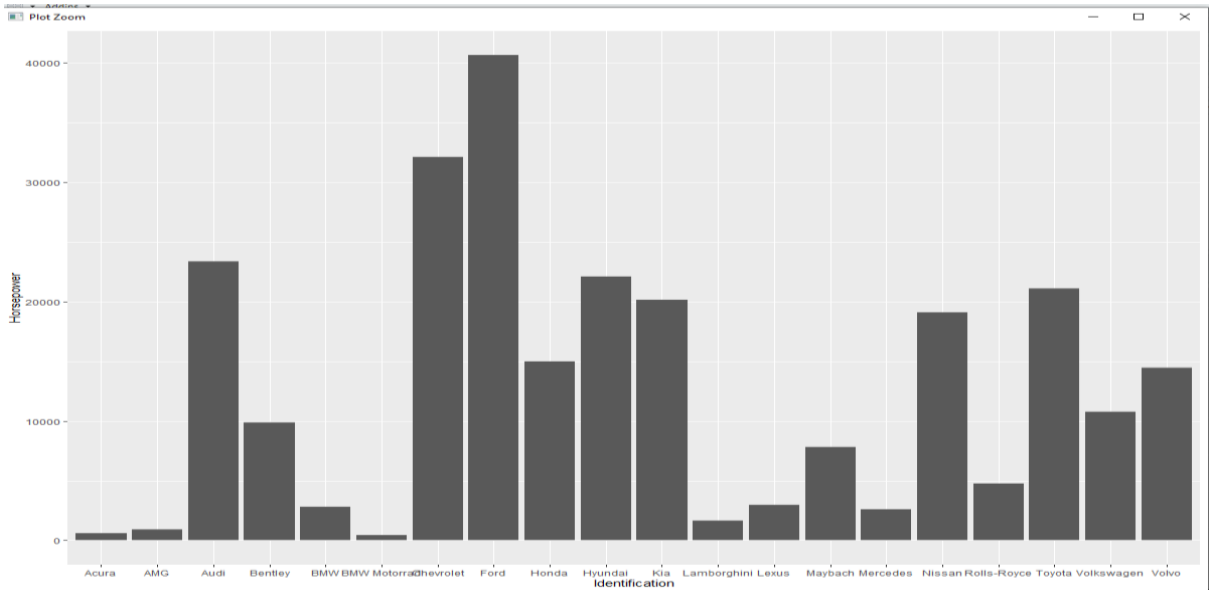
ggplot(datax, aes(y = "", fill = identification, x = Horsepower)) + geom_bar(width = 1, stat = "identity") + coord_polor("x", start = 1)

16. Scatter-plotting chart →

ggplot(datax, aes(x = Identification, y = Horsepower)) + geom_point()

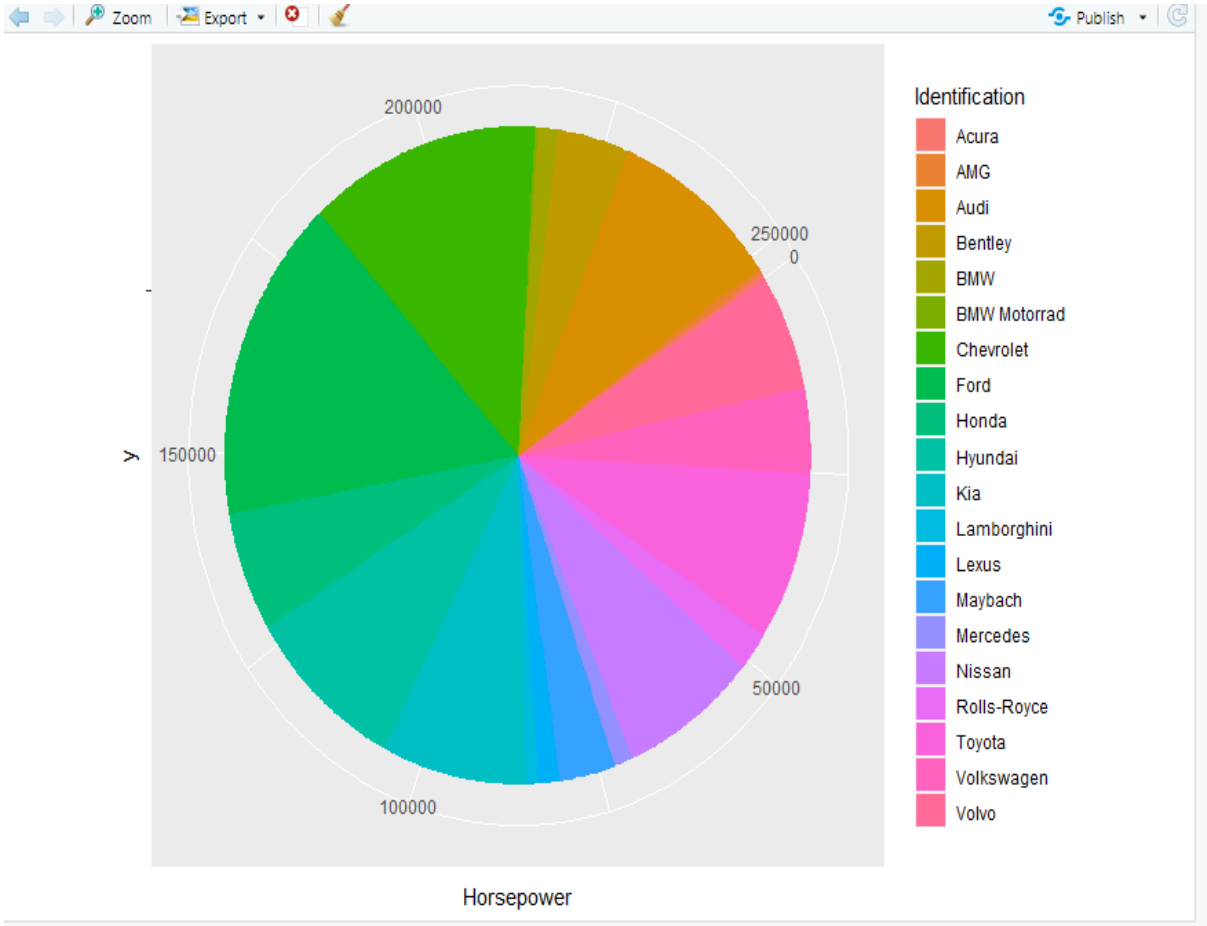
- **Bar Graphs —**

  Syntax—
  ggplot(datax , aes(x=Identification , y= Horsepower)) +
  geom_bar(stat = "identity")



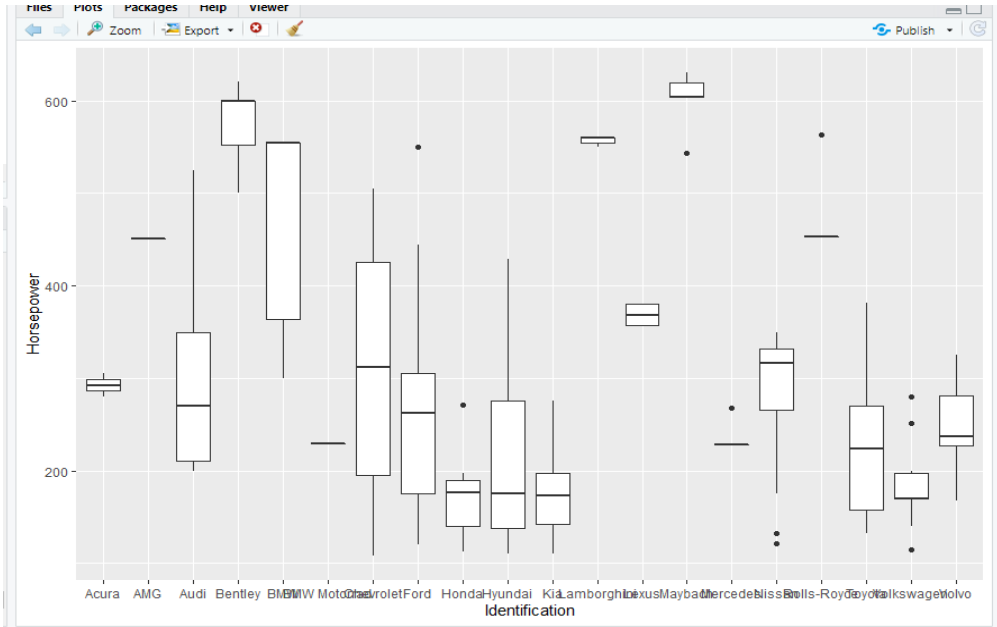
- **Pie Chart—**

  Syntax: ggplot(datax , aes(y="" , fill =Identification, x = Horsepower))+geom_bar(width = 1 , stat = "identity")+coord_polar("x" , start=1)



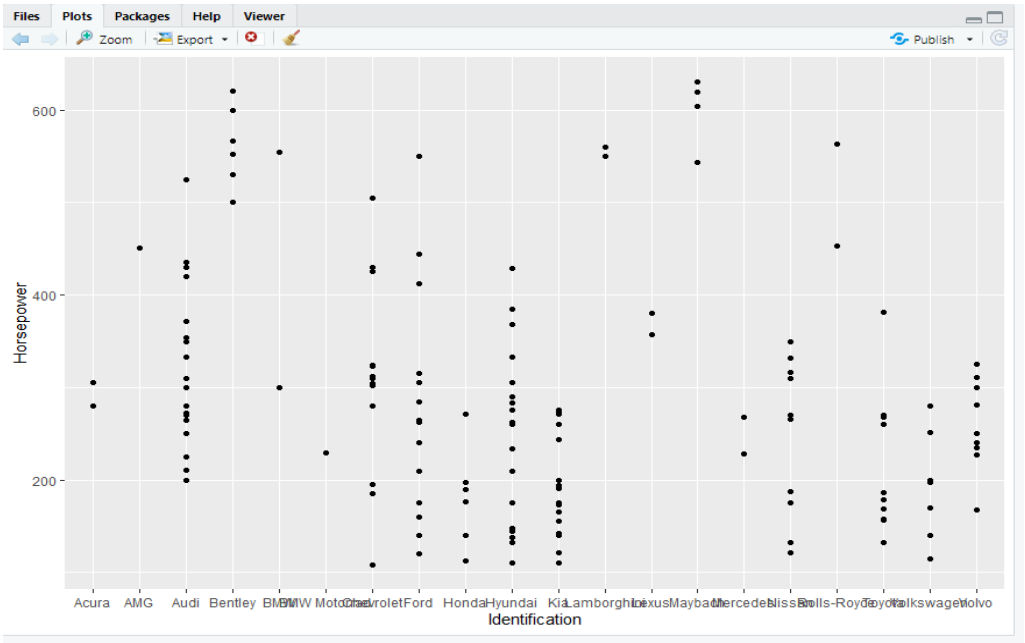
- **BoxPlot Chart—**

  Syntax: ggplot(datax , aes(x = Identification, y = Horsepower)) + geom_boxplot()



- **Scatter-Plotting Chart—**

  Syntax: ggplot(datax , aes(x = Identification, y = Horsepower)) + geom_point()



- **Line Graph—**

- **Syntax:** ggplot(datax , aes(x = Identification, y = Horsepower , group= Year, colour=Year)) +geom_line() +geom_point()