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**REG NUM : 20BPS1111**

**DATE : 11.01.2022**

**SLOT : L37+L38**

**LAB WEEK – 2 ASSESSMENT**

**Topic : Musical Survey**

**Number of Responses : 64**

**Circulatory Medium : Google Forms**

**QUESTIONNAIRE**

- 1) Age
- 2) Gender
- 3) What kind of genre would you mostly go for in music?
- 4) On an average, how much time do you spend listening to music?
- 5) What platform would you choose for listening to music?
- 6) How do you come to know about new music?
- 7) In your opinion, what do you think is the main benefit of listening to music?
- 8) When do you prefer to listen to music?
- 9) How long can you go without music?

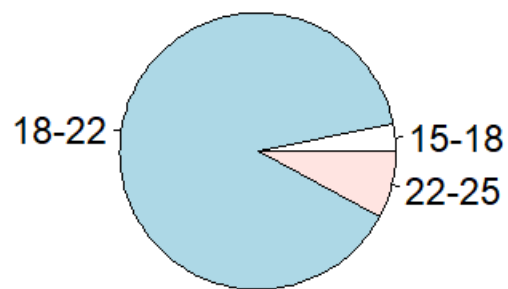
## 1) Age

### COMMAND

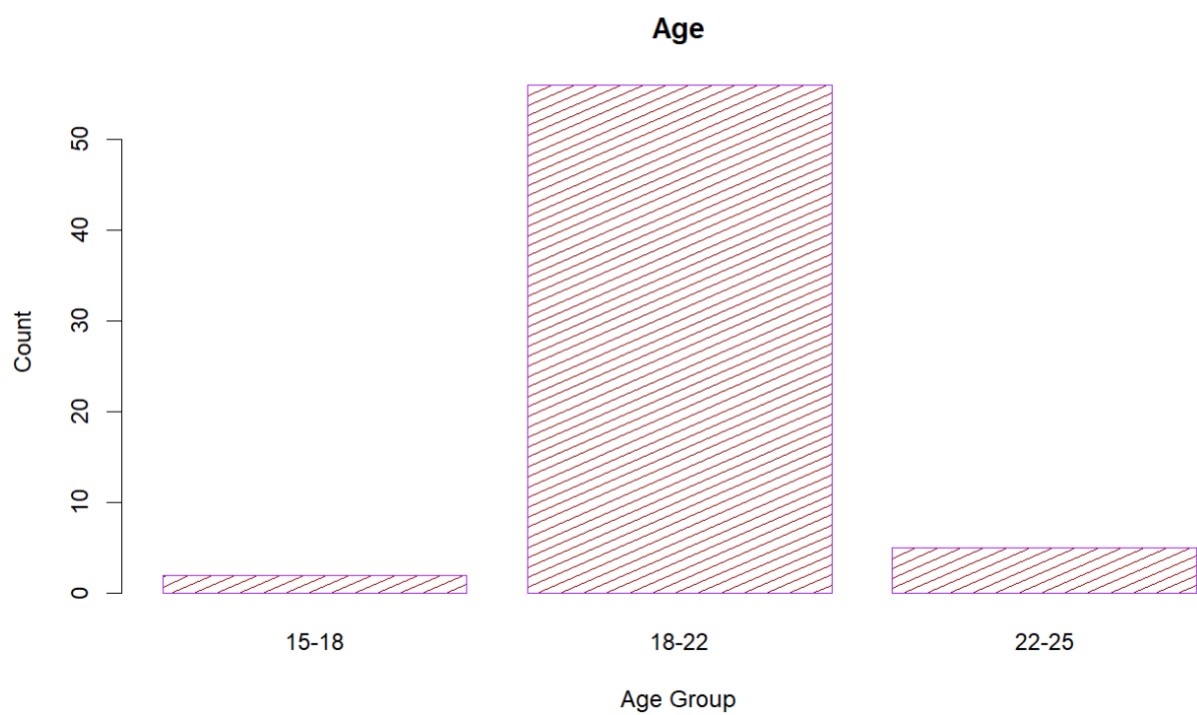
```
table1 <- table (Form$Age)
```

```
pie(table1)
```

### PIE – CHART



### BAR-PLOT



## ONE-WAY TABLE

```
> table1 = table (Form$Age)
> table1
```

```
15-18 18-22 22-25
      2    56     5
```

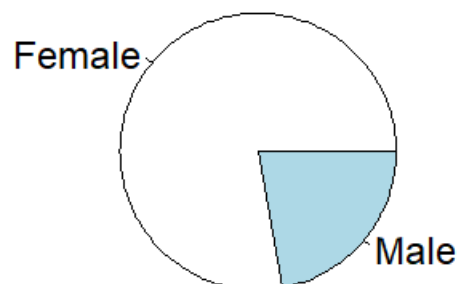
## 2) GENDER

### COMMAND

```
table1 <- table (Form$Age)
```

```
pie(table1)
```

### PIE - CHART



## TWO-WAY TABLE ("Age" versus "Gender")

```
> table1 = table (Form$Age,Form$Gender)
> table1
```

```
      Female Male
15-18      2    0
18-22     43   13
22-25      4    1
```

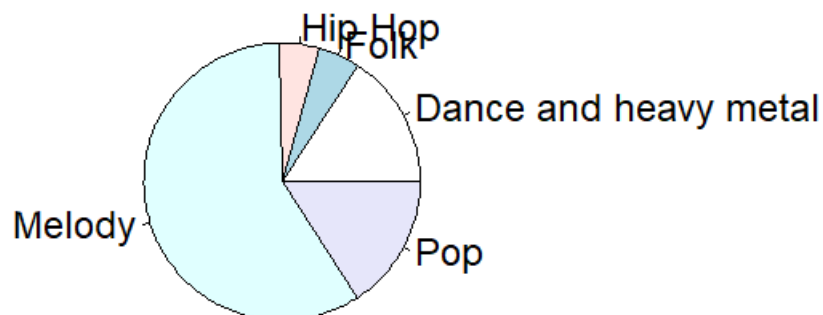
### 3) What kind of genre would you mostly go for in music?

#### COMMAND

```
table1 <- table (Form$Q1)
```

```
pie(table1)
```

#### PIE-CHART



#### TWO-WAY TABLE ("What kind of genre would you mostly go for in music?" versus "Gender")

```
> table1 = table (Form$Q1,Form$Gender)
> table1
```

	Female	Male
Dance and heavy metal	8	2
Folk	3	0
Hip Hop	1	2
Melody	30	7
Pop	7	3

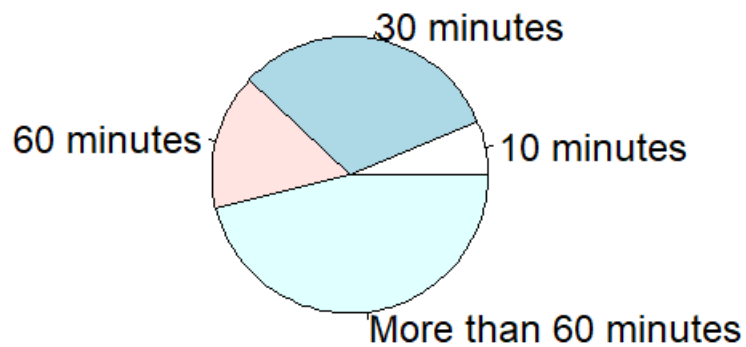
### 4) On an average, how much time do you spend listening to music?

#### COMMAND

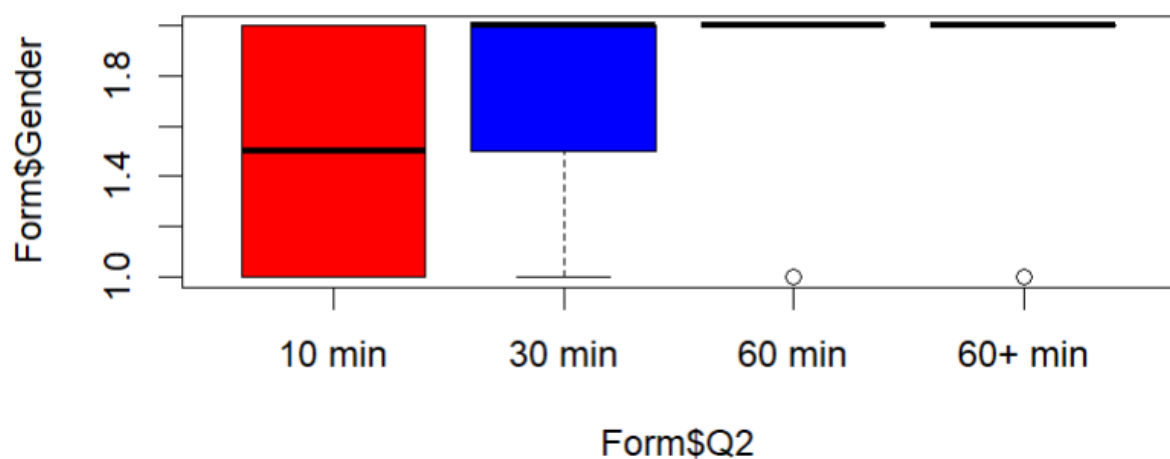
```
table1 <- table (Form$Q1)
```

```
pie(table1)
```

## PIE-CHART



## BOX-PLOT



**TWO-WAY TABLE** ("How much time do you spend listening to music?" versus "Gender")

```
> table1 = table (Form$Q2,Form$Gender)
> table1
```

	Female	Male
10 minutes	2	2
30 minutes	15	5
60 minutes	8	2
More than 60 minutes	24	5

**TWO-WAY TABLE** (“How much time do you spend listening to music?” versus “Age”)

```
> table1 = table (Form$Q2,Form$Age)
> table1
```

	15-18	18-22	22-25
10 minutes	0	4	0
30 minutes	0	18	2
60 minutes	0	9	1
More than 60 minutes	2	25	2

**5) What platform would you choose for listening to music?**

**TWO-WAY TABLE** (“What platform would you choose for listening to music?” versus “Age”)

```
> table1 = table (Form$Q3,Form$Age)
> table1
```

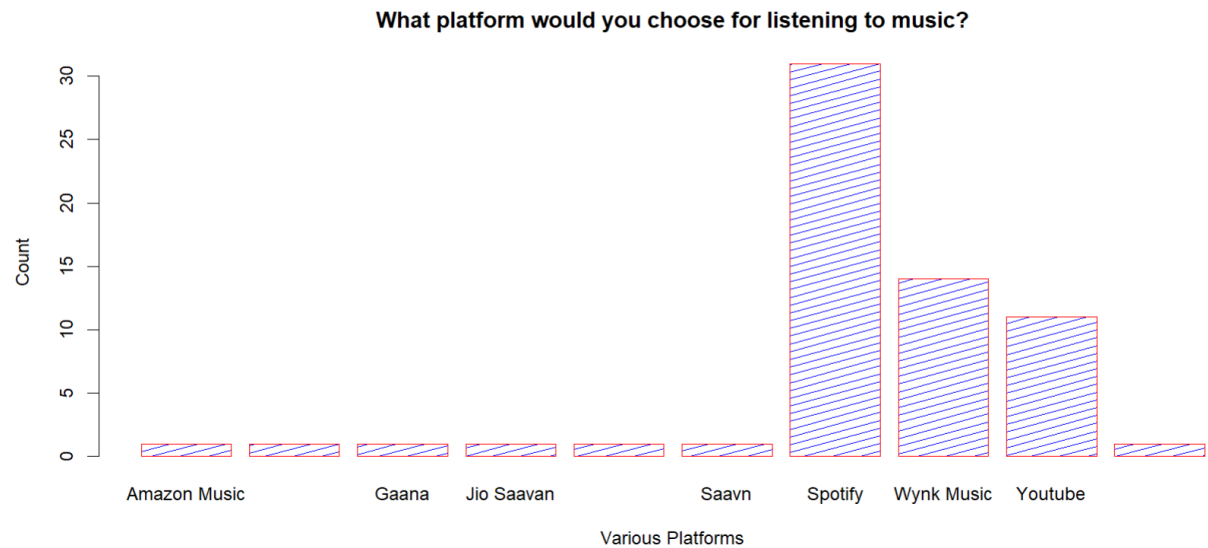
	15-18	18-22	22-25
Amazon Music	0	1	0
Downloaded and stored	0	0	1
Gaana	0	1	0
Jio Saavan	0	1	0
My music collections	0	0	1
Saavn	0	1	0
Spotify	0	31	0
Wynk Music	0	13	1
Youtube	2	7	2
Youtube music	0	1	0

**TWO-WAY TABLE** (“What platform would you choose for listening to music?” versus “Gender”)

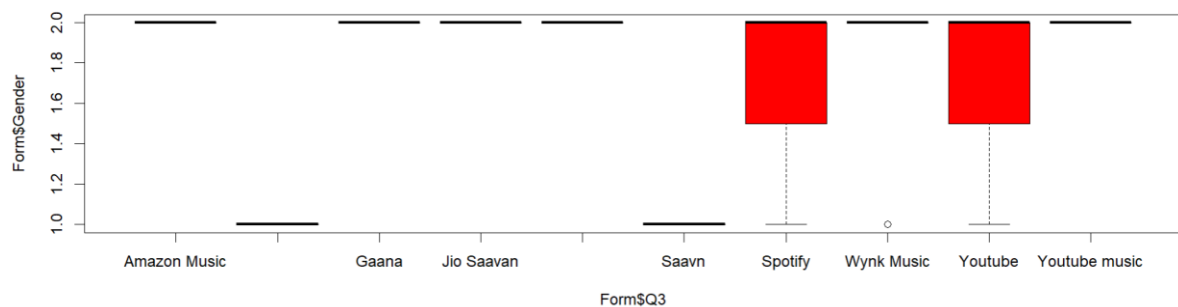
```
> table1 = table (Form$Q3,Form$Gender)
> table1
```

	Female	Male
Amazon Music	1	0
Downloaded and stored	0	1
Gaana	1	0
Jio Saavan	1	0
My music collections	1	0
Saavn	0	1
Spotify	23	8
Wynk Music	13	1
Youtube	8	3
Youtube music	1	0

## BAR PLOT



## BOX PLOT



## 6) How do you come to know about new music?

**TWO WAY TABLE** ("How do you come to know about new music?" versus "How much time do you spend listening to music?")

```
> table5=table(Form$Q4,Form$Q2)
> table5
```

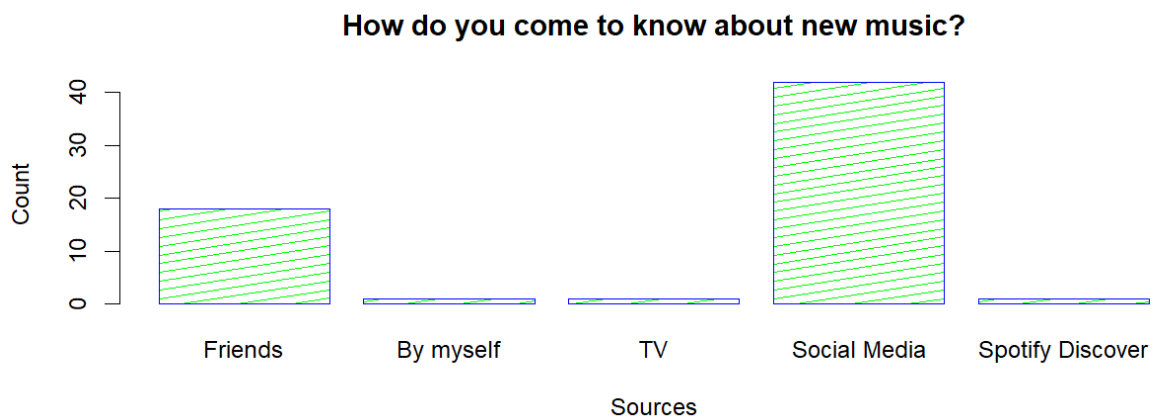
	10 min	30 min	60 min	60+ min
Friends	2	6	3	7
I keep in track of releases	0	1	0	0
May be from tv during childhood	0	0	0	1
Social Media	2	13	7	20
Spotify discover	0	0	0	1

## TWO-WAY TABLE ("How do you come to know about new music?" versus "Gender")

```
> table5=table(Form$Q4,Form$Gender)
> table5
```

	Male	Female
Friends	6	12
I keep in track of releases	0	1
May be from tv during childhood	1	0
Social Media	7	35
Spotify discover	0	1

## BAR-PLOT



## 7) In your opinion, what do you think is the main benefit of listening to music?

## TWO-WAY TABLE ("What do you think is the main benefit of listening to music?" versus "Age")

```
> table1<-table(Form$Q5,Form$Age)
> table1
```

	15-18	18-22	22-25
All of the above	2	40	4
Gives you a positive vibe	0	6	1
Makes you happy	0	7	0
Quells your rage and stress	0	3	0



## TWO-WAY TABLE ("What do you think is the main benefit of listening to music?" versus "Gender")

```
> Form$Gender=factor(Form$Gender,labels=c("Male","Female"))  
> table1<-table(Form$Q5,Form$Gender)  
> table1
```

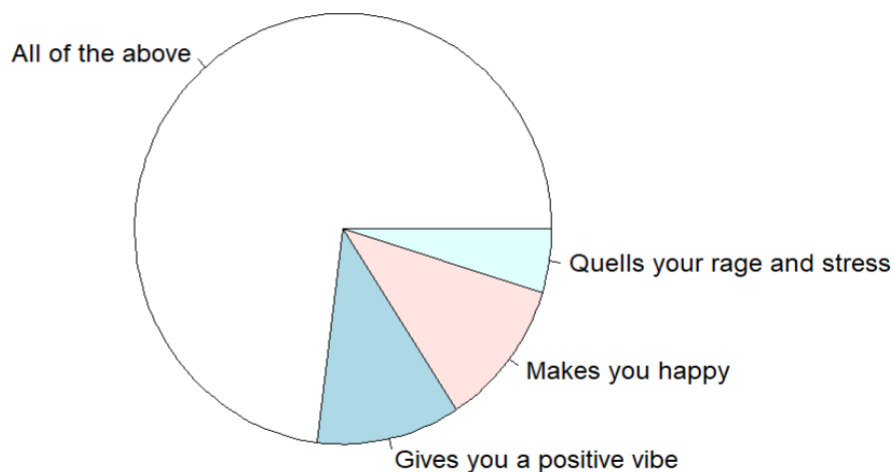
	Male	Female
All of the above	9	37
Gives you a positive vibe	3	4
Makes you happy	2	5
Quells your rage and stress	0	3

### COMMAND

```
table1 <- table (Form$Q5)
```

```
pie(table1)
```

### PIE-CHART



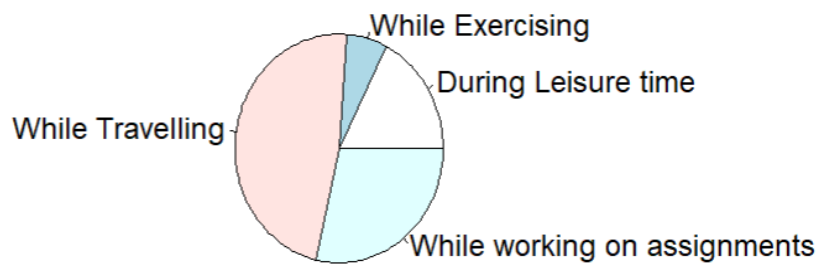
## 8) When do you prefer to listen to music?

### COMMAND

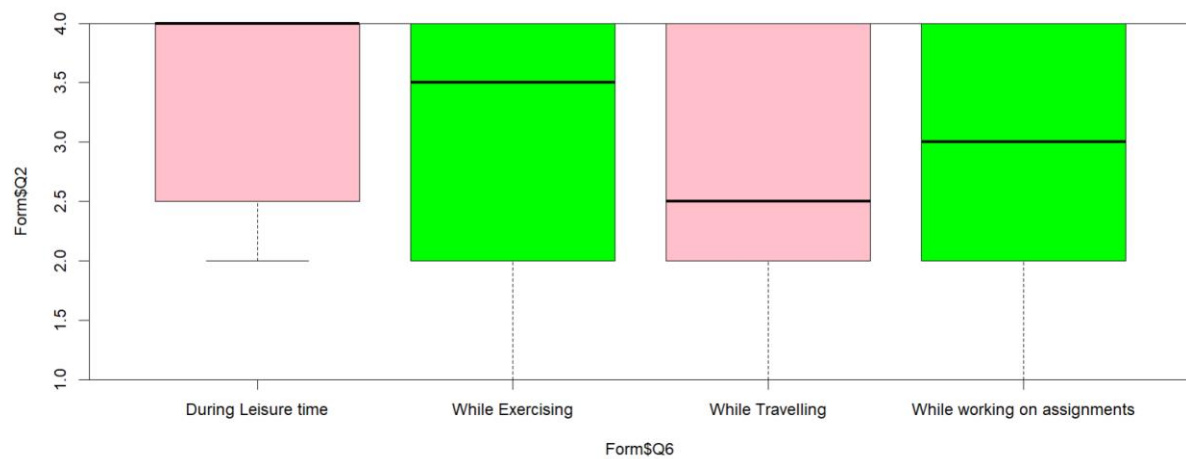
```
table1 <- table (Form$Q6)
```

```
pie(table1)
```

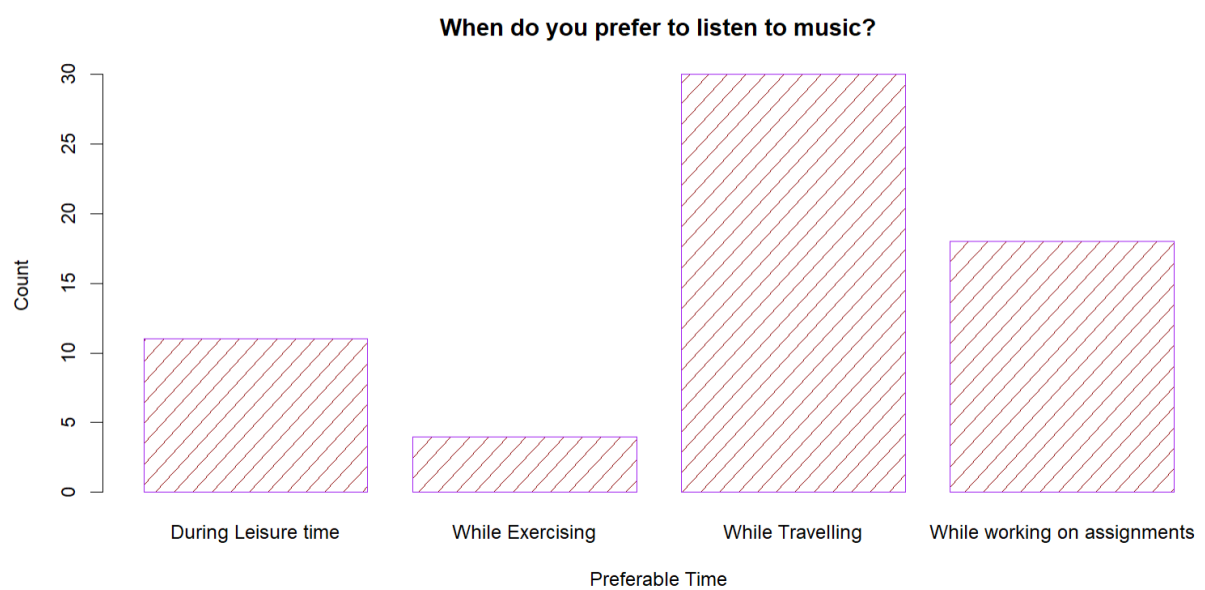
## PIE-CHART



## BOX-PLOT



## BAR-PLOT



## TWO-WAY TABLE ("When do you prefer to listen to music?" across "Gender")

```
> table1<-table(Form$Q6,Form$Gender)
> table1
```

	Male	Female
During Leisure time	1	10
While Exercising	2	2
While Travelling	7	23
While working on assignments	4	14

## 9) How long can you go without music?

## TWO-WAY TABLE ("How long can you go without music?" across "Gender")

```
> table1<-table(Form$Q8,Form$Gender)
> table1
```

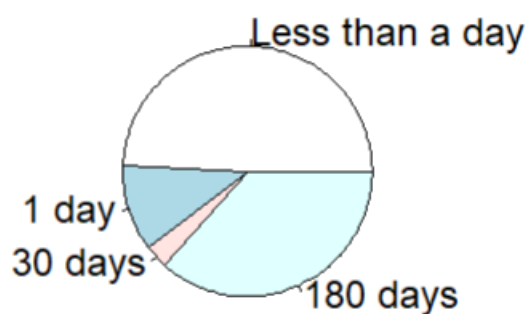
	Male	Female
Less than a day	6	25
1 day	4	3
30 days	0	2
180 days	4	19

## COMMAND

```
table1 <- table (Form$Q7)
```

```
pie(table1)
```

## PIE-CHART



## BAR-PLOT

