```
Name-Ashirh singh chilwal
clan-MCA 1B
ROLL NO- 25
Id-217.11030
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# Program to show and hide using jQuery

Hi this is javascript and today is a good day

hide show

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gran-bon 11+ labs (y = "Number of borner ger".

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bus(1 + grom. bus ()+ lobs (y = bumbers of panager
title = "funcions hat by gender)

Ou:4: - Summary (Titanic)

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Number of factor: 4

Text for independence of old factor:

Chisq: 1677.21 df=25. P-Value:0

Infuntial statistics

is for non servived and I for survived is more firmale are devivived compare to make

Achilh singh chilmal mcA 18 25 21711030

Ous:3: setwdl'c:/worlDell/Documents/Rlong")

Titanic <- mad.cru l'c:/vouss/Dell/Documents/Rlong")

ments/ klong/Titahic.crv")

install. packgers" ggplot 2") library (99 plot 2)

head (Titanic, t)

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names (Titania)

Str (Tidanic)

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summary (Titanic & Polan)

iii) maximum non survived parangers from 3rd class and maximum survived paranger from class 1st.

M The age (10 years Hr see that the surrival

#### setwd("C:/Users/DELL/Documents/R lang")

· Reading of .csv file

#### Titanic <- read.csv("C:/Users/DELL/Documents/R lang/Titanic.csv")

Installing ggplot package

#### install.packages("ggplot2")

this package is important for plotting graphs and charts few of them will be shown below.

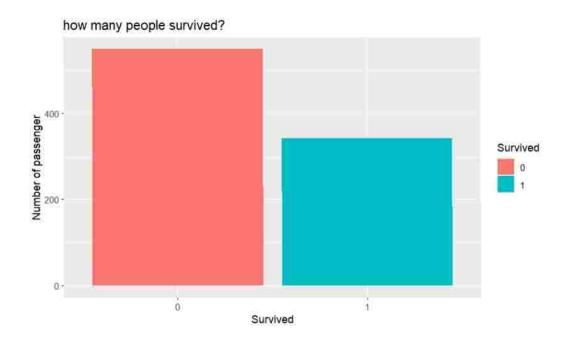
Using ggplot() library

library(ggplot2)

### Histogram

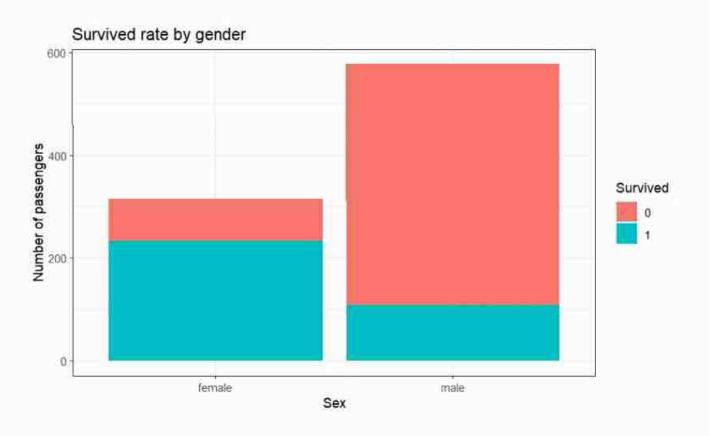
ggplot(Titanic, aes(x=Survived, fill=Survived)) + geom\_bar() +

labs(y = "Number of passenger", title = "how many people survived?")



suvived rate basis gender-

ggplot(Titanic,aes(x=Sex, fill=Survived)) + theme\_bw() + geom\_bar() +
labs(y="Number of passengers", title="Survived rate by gender")

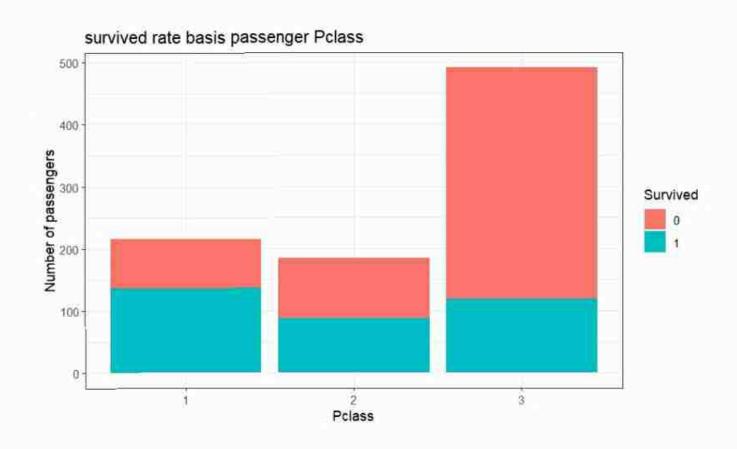


Result – more female are survived compare to male.

## Survival rate basis class of ticket (Pclass)

ggplot(Titanic, aes(x=Pclass, fill=Survived)) + theme\_bw() +
geom\_bar() +

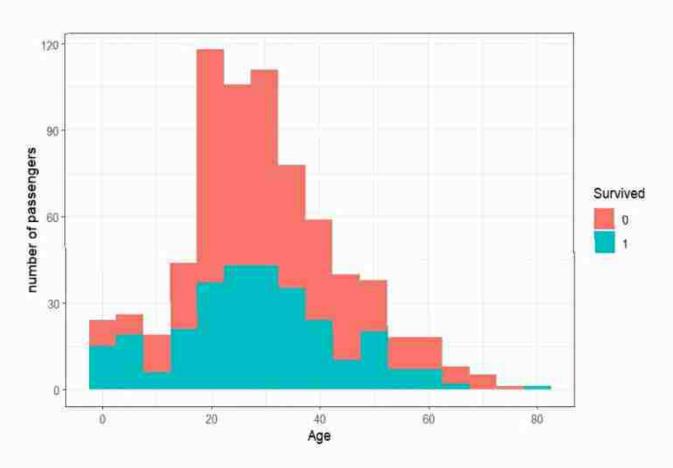
labs(y = "Number of passengers", title = "survived rate basis passenger Pclass")



Result – maximum non survived passenger from 3<sup>rd</sup> class and maximum survived passenger from class 1<sup>st</sup>.

## survival rate basis Age -

```
ggplot(Titanic, aes(x=Age, fill=Survived)) +
  theme_bw() +
  geom_histogram(binwidth = 5) +
  labs(y="number of passengers", x = "Age")
```



Result – The age < 10 years we see that the survival rate is high.

Scatter plotggplot(Titanic, aes(x=Survived, y = Fare))+ geom\_point(aes(color = Pclass))

