In [1]:
```
import pandas as pd
from scipy.stats import f_oneway

df=pd.read_csv("E:\\DATA_SCIENCE_SANDHYA\\ANOVA.csv")

scores_A=df[df['Group']=='A']['Score']
scores_B=df[df['Group']=='B']['Score']
scores_C=df[df['Group']=='C']['Score']

#Perform Anova
f_statistic , p_value=f_oneway(scores_A,scores_B,scores_C)

print("F-statistic:",f_statistic)
print("P-values:",p_value)

alpha=0.05
if p_value<alpha:
    print("Reject the null hypothesis:")
else:
    print("Failed to reject null hypothesis:")
```

```
F-statistic: 5.263157894736842
P-values: 0.10445099910961331
Failed to reject null hypothesis:
```

In [3]:
```
import pandas as pd
from scipy.stats import f_oneway

df=pd.read_csv("E:\\DATA_SCIENCE_SANDHYA\\ANOVA.csv")

scores_A=df[df['Group']=='A']['Score']
scores_B=df[df['Group']=='B']['Score']
scores_C=df[df['Group']=='C']['Score']

#Perform Anova
f_statistic , p_value=f_oneway(scores_A,scores_B,scores_C)

print("F-statistic:",f_statistic)
print("P-values:",p_value)

alpha=0.05
if p_value<alpha:
    print("Reject the null hypothesis:")
else:
    print("Failed to reject null hypothesis:")
```

```
F-statistic: 776.5757575758433
P-values: 8.464553654235198e-05
Reject the null hypothesis:
```