# QCR Assignment # 01

**ABUBAKAR NUM-BSCS-2022-41**

## CODE

import pandas as pd  
from matplotlib import pyplot as plt  
pas = []  
fail = []  
df=pd.read\_excel("C:/Users/Developer/Desktop/QCR Project/student-mat.xlsx")  
specific\_column=df["G3"].tolist()  
study\_time = df["studytime"].tolist()  
for i in range(len(specific\_column)):  
 if specific\_column[i]>=10:  
 pas.append(study\_time[i])  
 else:  
 fail.append(study\_time[i])  
plt.boxplot([pas,fail], boxprops=dict(color='Green'), labels=['Pass Students Study Time','Fail Students Study Time'])  
plt.title("Relation Between Pass & Fail Student Study")  
plt.ylabel("Study Time")  
plt.show()

## TASK 01OUTPUT