EXP NO: 1-A

DATE: 21.11.22

“**STUDENT DATA ANALYSIS”**

**AIM:**

To aim of this problems and developing flow charts for the same exercise is to identify and solve simple real life (or) scientific (or) technical.

**ALGORITHM:**

**Step 1:** Start

**Step 2:** Read the value of m1, m2 and m3

**Step 3:** Find the value of average

Total <- m1+m2+m3

Avg <- total/3

**Step 4:** If Avg>= 75

If yes:

Print “Distinction”

Else: move to step 5

**Step 5:** If Avg<60 and Avg>50

If yes then:

Print “First Class”

Else: move to step 6

**Step 6**: If Avg<50 and Avg>=35

If yes then:

Print “Second Class”

Else: move to step 7

**Step 7:** If Avg>=35 then

Print “Third Class”

Else: Print “Fail”

**Step 8:** Stop

**FLOW CHART:**

**Enter no of students (n)**

**i=0**

**i<nNNnnnnn oNNNnnnjgNN**

**Third Class**

**Second Class**

**First Class**

**Distinction**

**Fail**

**If Avg<50 & Avg>=35**

**If Avg<75 & Avg>=60**

**If Avg<60 & Avg>=50**

**If Avg>=75**

**Total = m1+m2+m3**

**Avg = total/3**

**a**

**Read m1, m2, m3**

**Yes**

**No**

**Yes**

**No**

**Yes**

**No**

**RESULT:**

Thus the algorithm and flow chart is written for the given problem.