**Lab # 02**

**Exercise Questions**

**Draw Flow Charts of the following**

**QUESTION#1**

Write a program to find the greatest of three numbers?

**QUESTION#2**

Eureka Lumber Company gives a 2% discount if the remaining balance is paid within 10 days of purchase. Write a program to verify whether a customer qualifies for this discount or not and make the computations accordingly. Use the following variable names:

* days: number of days taken to pay the remaining balance
* quantity: number of items purchased.
* pricePerItem: price of each item purchased.

**QUESTION#3**

Write a program to check data using the following criteria.

The data are assumed correct when

* Number is less than 1000
* Number is positive.
* Number is divisible by 2

**QUESTION#4**

The marks obtained by a student in 5 different subjects are input through the keyboard. The student gets a division as per the following rules:

* Percentage above or equal to 60 First division
* Percentage between 50 and 59 Second division
* Percentage between 40 and 49 Third division
* Percentage less than 40 Fail