QUESTION 1:-

INPUT: mark1 , mark2

OUTPUT: average=(mark1+mark2)/2

STEP 1: Start

STEP 2: Declare the variables mark1, mark 2,avg and sum .

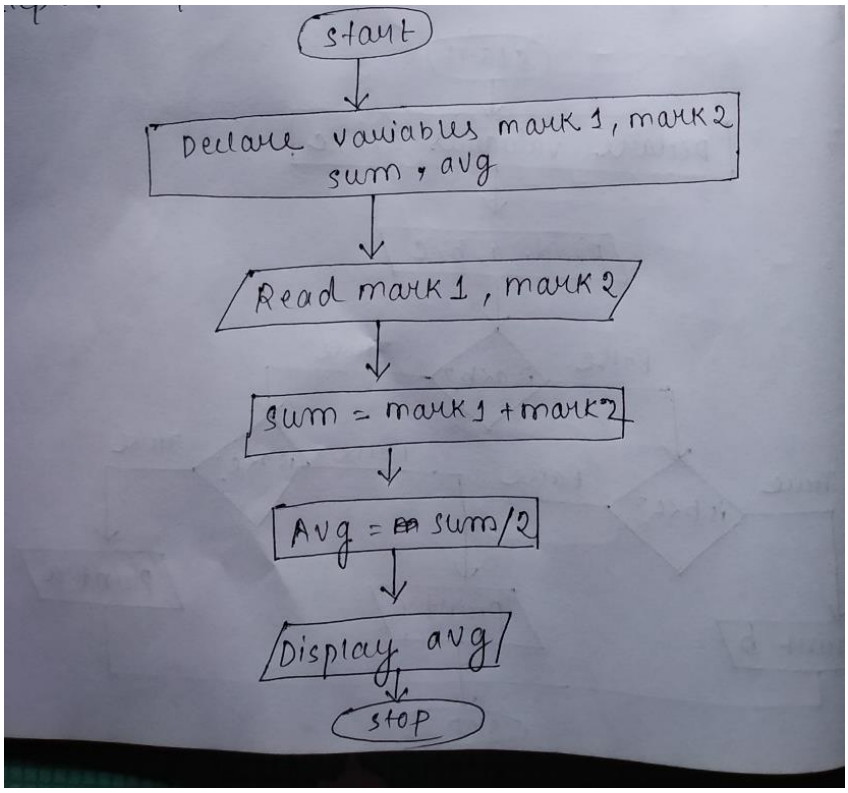
STEP 3: Read the variables mark1 and mark2.

STEP 4: Add both the marks and assign the sum and calculate the avg by dividing the sum by 2.

STEP 5: Print avg.

STEP 6: Stop.

FLOWCHART



QUESTION:-2

INPUT: isd , rtd , td

OUTPUT: fine.

STEP 1 : Start.

STEP 2 : Declare isd , rtd , td,x,y,z,a,charge

STEP 3 : Read issued date ,return date and today assign them in isd , rtd and td respectively.

STEP 4 : Calculate total date assigned it to x

x<- rtd - isd

STEP 5 : Now calculate days of book kept and assign it to y

y<-td-isd

STEP 6 : Calculate total days to be fined and assign it to z

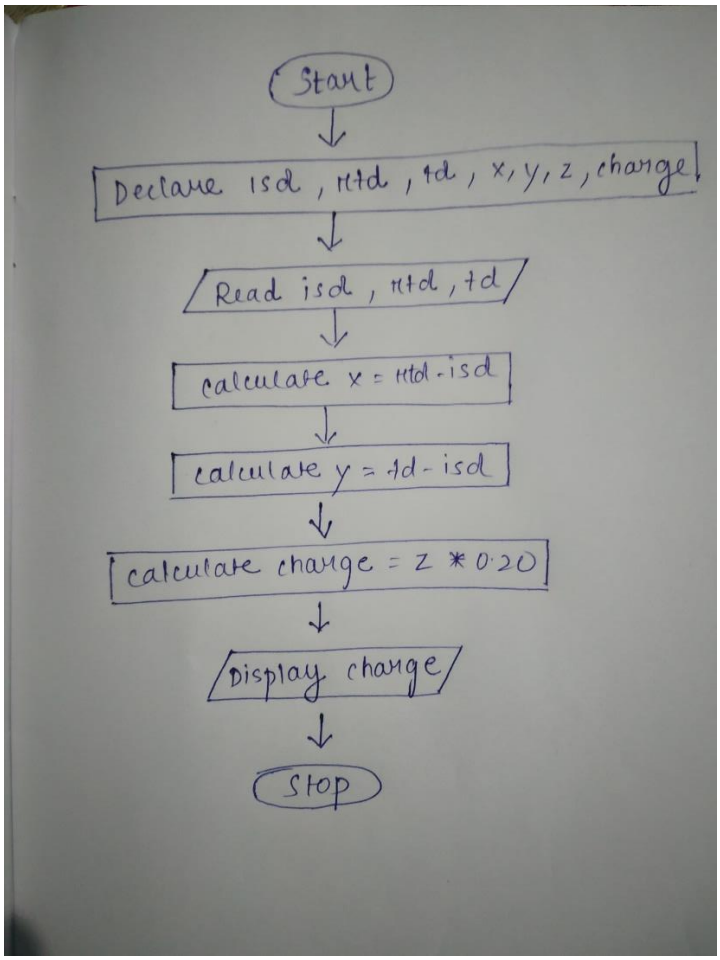
Z<-y-x

STEP 7: now calculate charges charge<-z*0.20

STEP 8 : Display charge

STEP 9: Stop

FLOWCHART:



QUESTION:-3

INPUT: cst,disc

OUTPUT:netp

STEP 1 : Start.

STEP 2 : Declare cst,disc,dp,netp.

STEP 3 : Initialize cst and disc.

STEP 4 : Calculate discounted price and assig in dp.

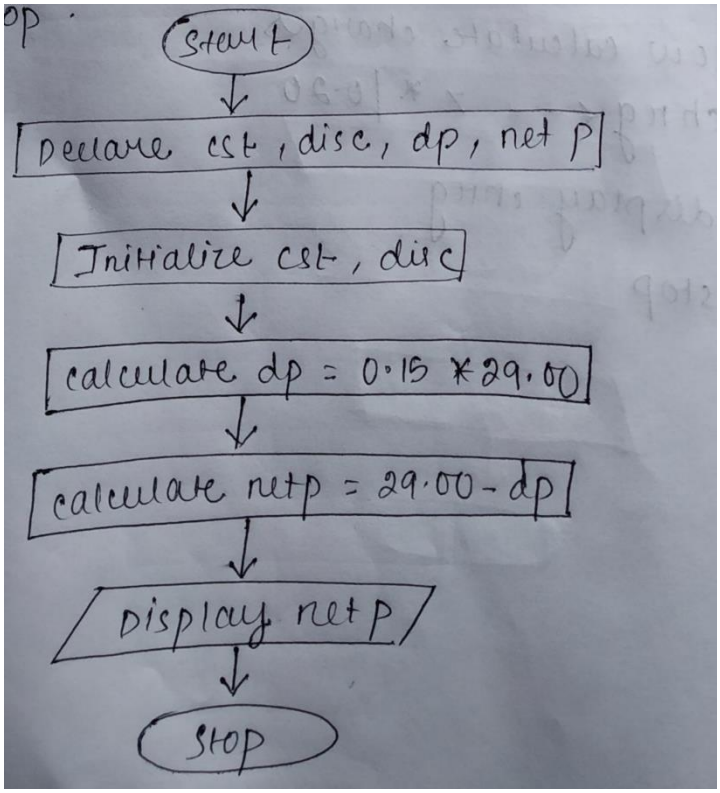
Dp<-0.15*cst

STEP 5 : Calculate net price and assign in netp.

STEP 6 : Display netp.

STEP 7 : Stop.

FLOWCHART:



QUESTION:-4

INPUT: a,b,c

OUTPUT: Smallest among three

STEP 1 : Start

STEP 2 : declare a, b , c and smallest

STEP 3 : Read a,b,c

STEP 4 : Compare a with b and c

(a<b) (a<c) then a is smallest

STEP 5 : Compare b with a and c

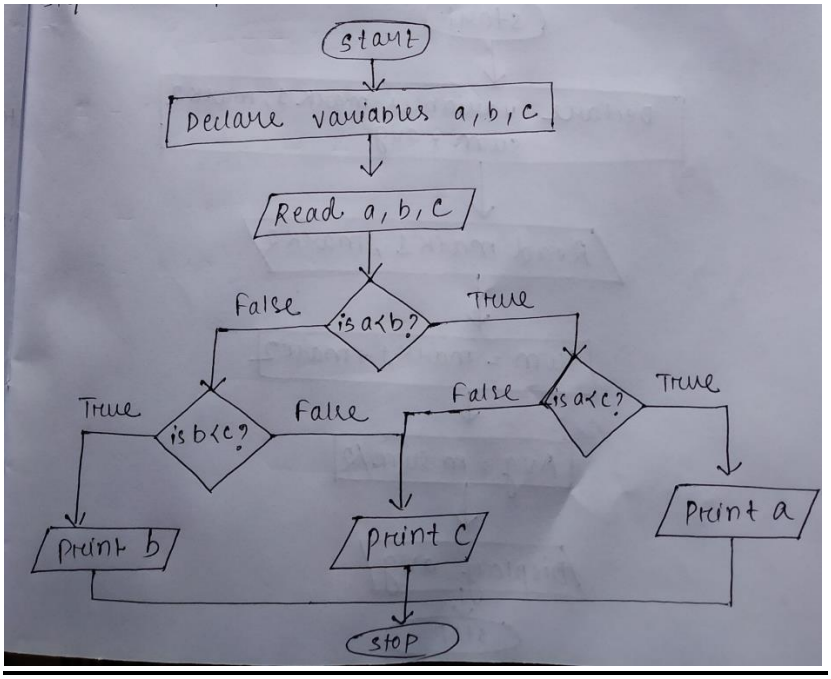
(b<a) (b<c) then b is smallest

STEP 6 : else c is smallest;

STEP 7: Display Smallest

STEP 8 : Stop.

FLOWCHART:



QUESTION:-5

INPUT: a,b,c

OUTPUT: x1,x2

STEP 1 : Start

STEP 2 : Declare a, b,c,X1,X2.

STEP 3 : read a, b ,c

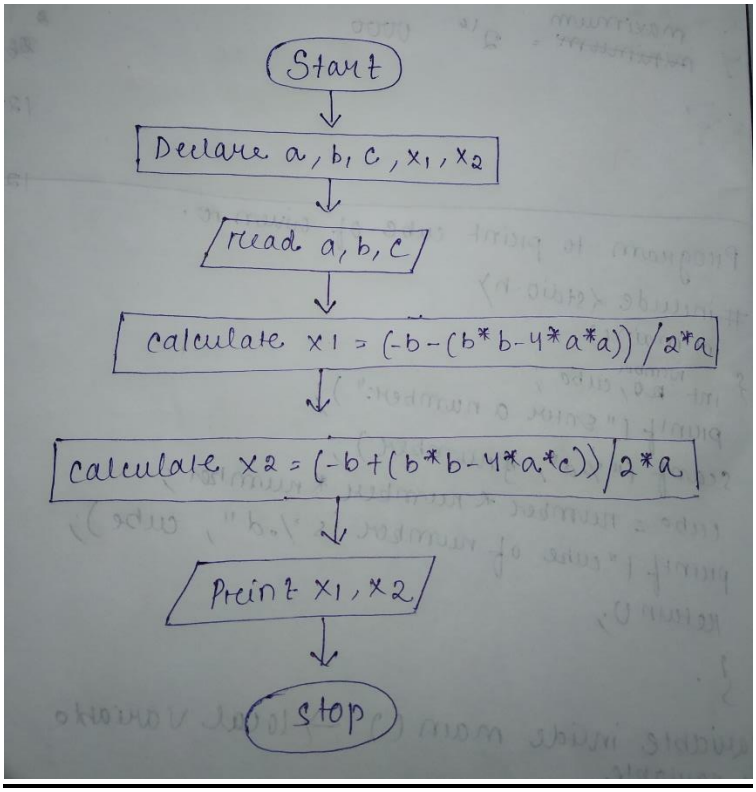
STEP 4 : Calculate x1=(-b-(b*b-4*a*c))/2*a.

STEP 5 : Calculate x2=(-b+(b*b-4*a*c))/2*a.

STEP 6 : Print x1,x2.

STEP 7 : Stop

FLOWCHART:



QUESTION : - 6

INPUT:no

OUTPUT: factorial

STEP 1 : Start

STEP 2 : Declare no,fact,i.

STEP 3 : Read no

STEP 4 : Initialize i=1 and fact =1.

STEP 5 : If i < no then go to STEP6 otherwise go to STEP8

STEP 6 : Calculate fact = fact *i.

STEP 7 : Increament i and go to STEP5.

STEP 8 : Print fact.

STEP 9 : Stop

FLOWCHART: