ASSIGNMENT-1

QUESTION 1

input - mrk1,mrk2

output-avg

st 1:start

st 2:declare mrk1,mrk2 and avg

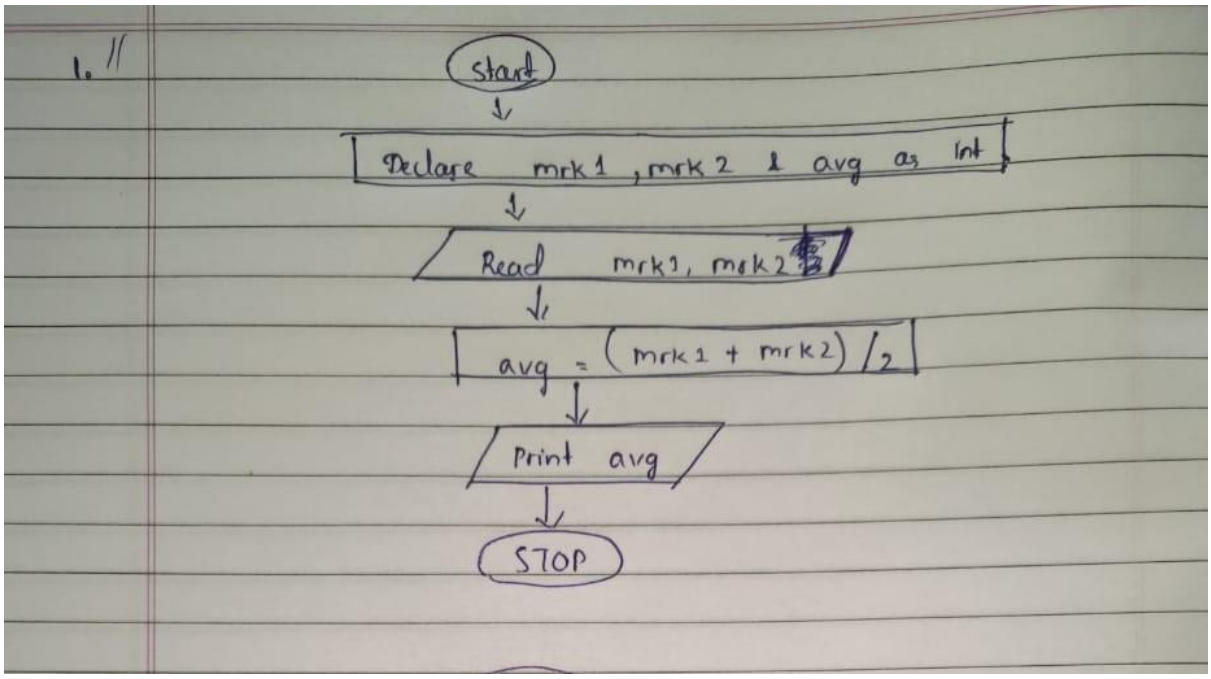
st 3:read mrk1 and mrk 2

st 4:add mrk1 and mark2 then divide it by two and assign it to avg

avg<---(mrk1+mrk2)/2

st 5:display avg

st 6:stop



QUESTION NO 2

input- isd,rtd,td

output-fine

st 1-:start

st 2-:declare isd,rtd,td,x,y,z,a,chrg

st 3-: read issued date,return date and today and assign them in isd,rtd and td respectively

st 4-: calculate total date assign it to x

x <-- rtd-isd

st 5-: now calculate days of book kept and assign it to y

y <- td-isd

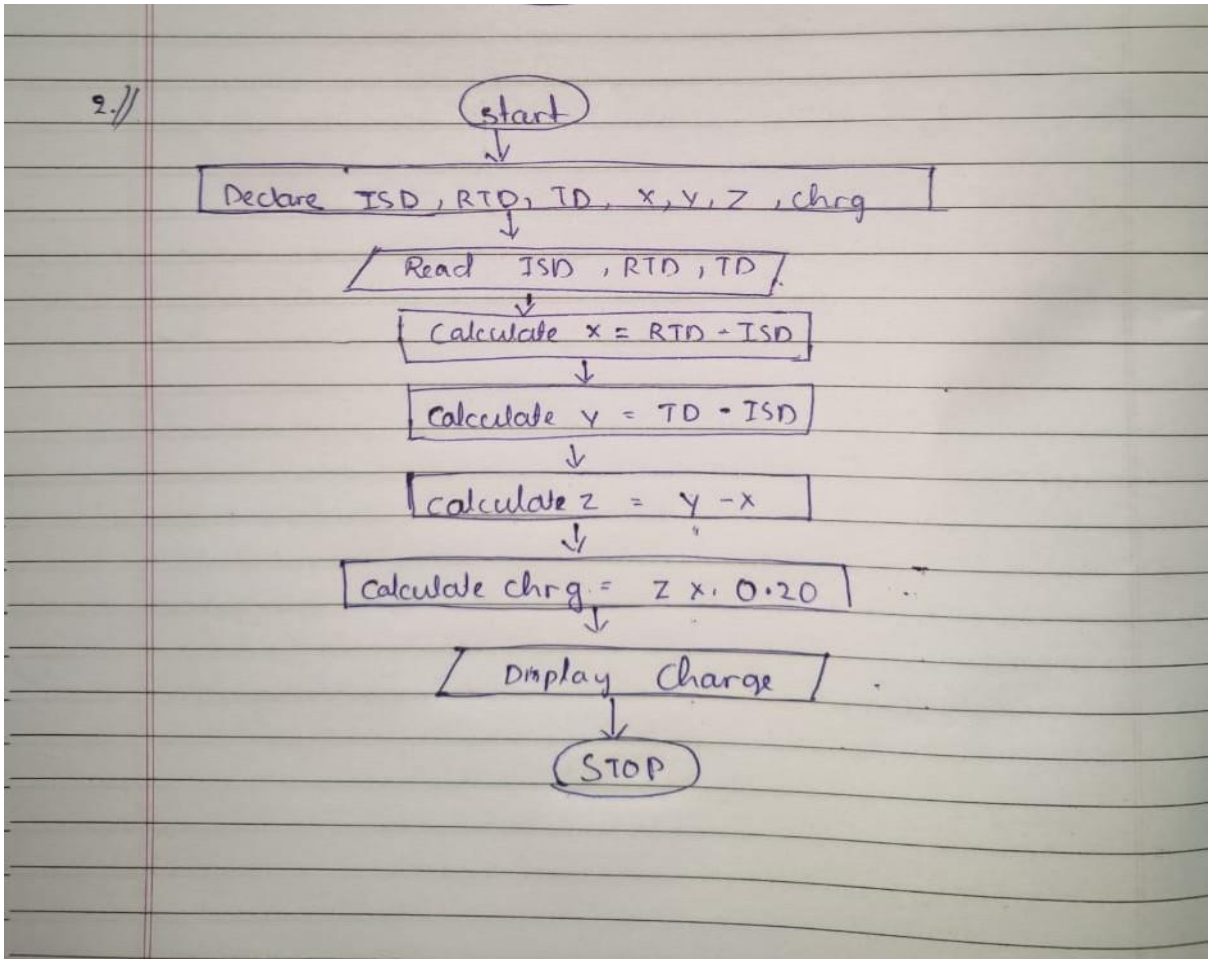
st 6-:calculate total days to be fined and assign it to z

z<--y-x

st 7-: now calculate charges chrg<-- z*0.20

st 8-:display chrg

st 9-:stop



QUESTION NO 3

input -cst,disc

output-netp

st 1: start

st 2: declare cst,disc,dp,netp

st 3: initialize cst and disc

st 4: calculate dicuonted price and assign in dp

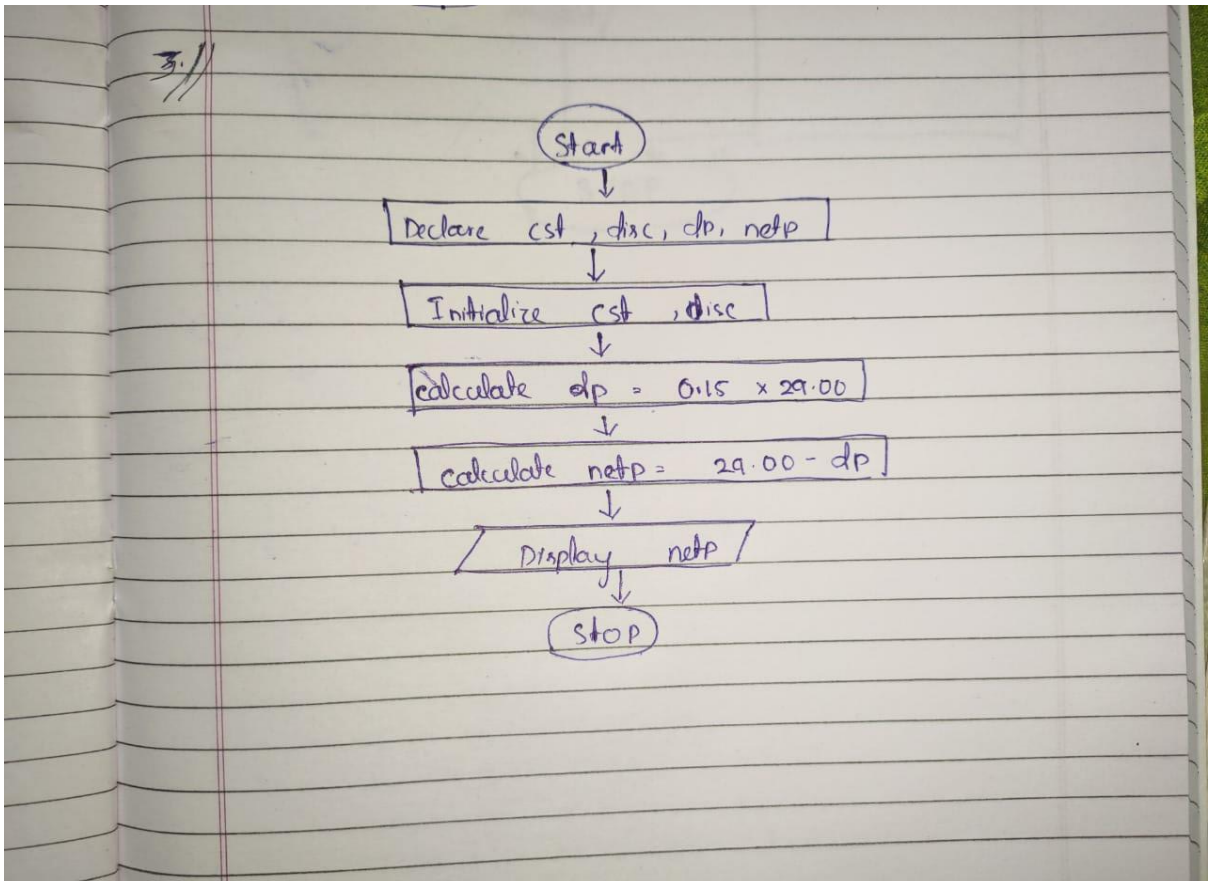
dp <---0.15*cst

st 5: calulate net price and assign in netp

netp <---cst-dp

st 6:display netp

st 7:stop



QUESTION NO 4

input a,b,c

output smallest among three

st 1:start

st 2:declare a, b, c and smallest

st 3:read a,b,c

st 4:compare a with b and c

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

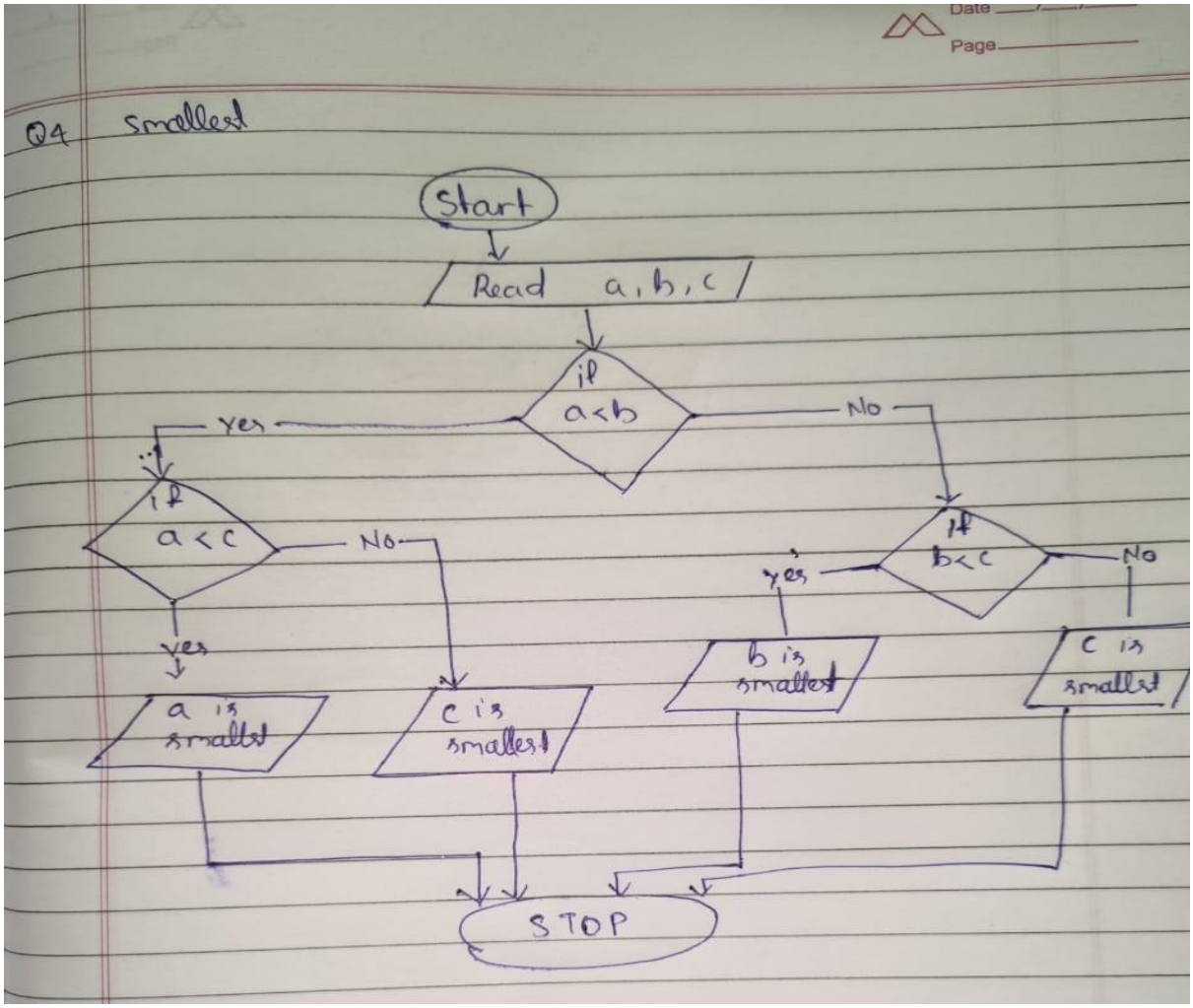
st 5:Compare b with a and c

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

st 6:else c is smallest

st 7:display smallest

st 8:stop



QUESTION NO 5

INPUT-a, b, c

OUTPUT-x1, x2

St 1: start

St 2: declare a, b, c, x1, x2

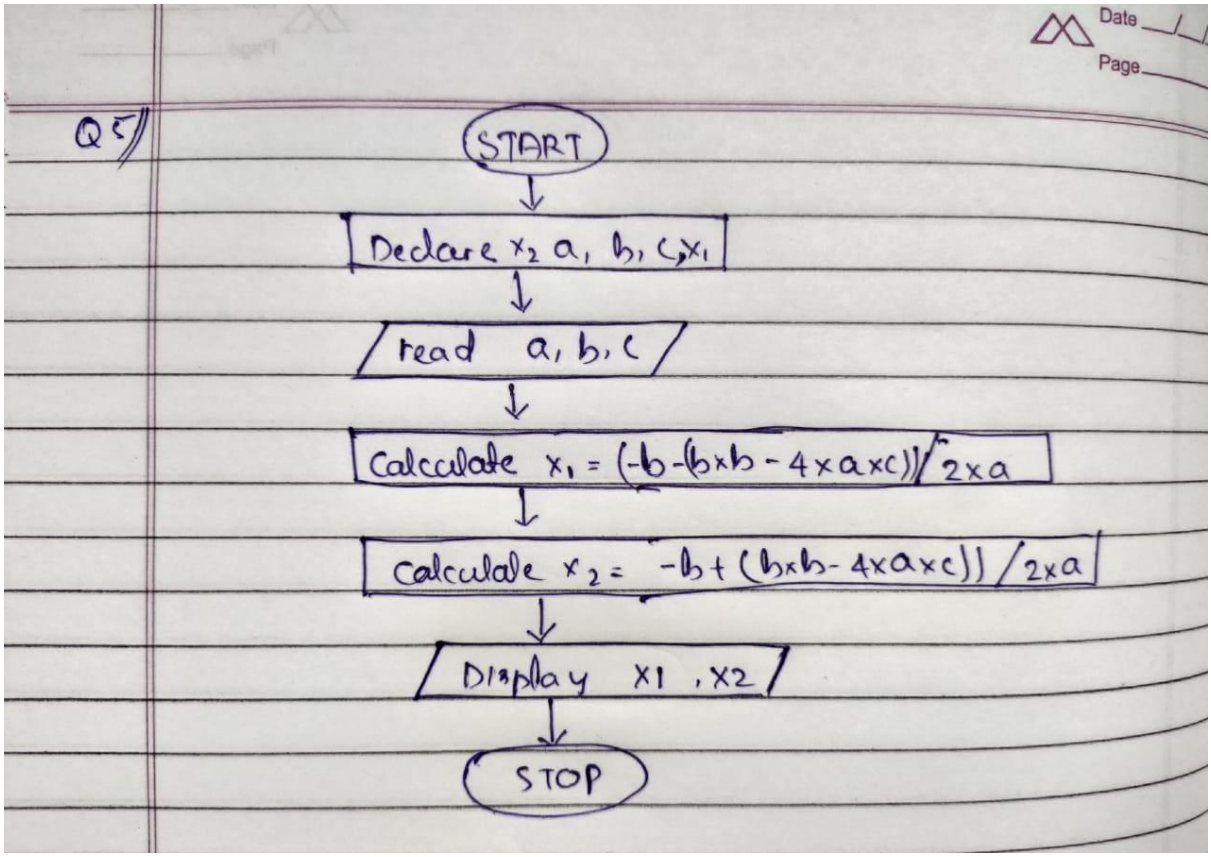
St 3: read a, b, c

St 4: calculate x1=(-b-(b*b-4*a*c))/2*a

St 5: calculate x2=(-b+(b*b-4*a*c))/2*a

St 6: Display x1, x2

St 7: stop



QUESTION NO 6

INPUT-x

OUTPUT-fct

St 1: start

St 2: Declare x, I, fct

St 3: read x

St 4: initialize I=1 and fact=1

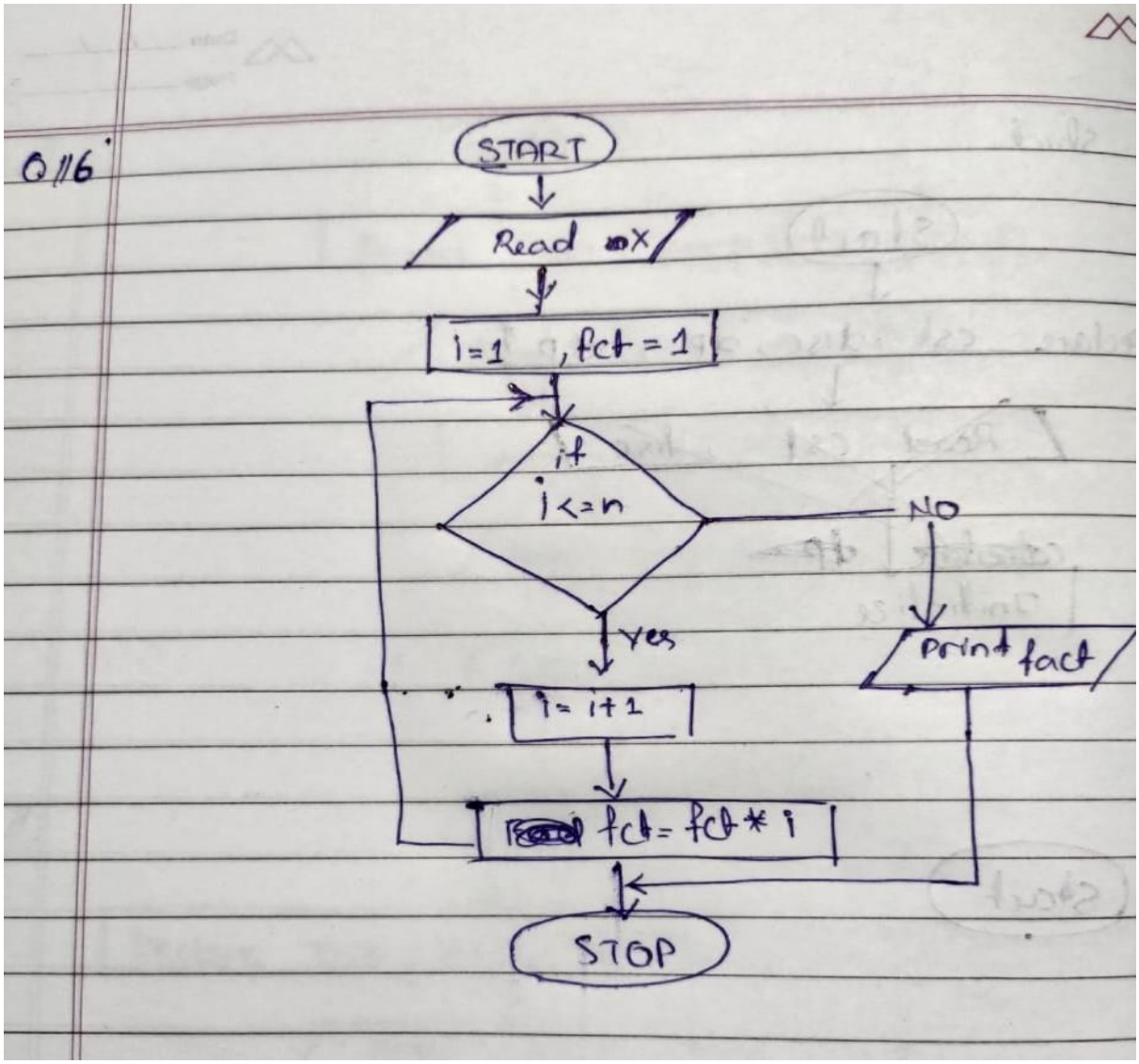
St 5: check if I<=x go to next step and repeat until i=x, else go to step 8

St 6: calculate fct=fct*I

St 7: increment I=I+1

St 8: Display fct

St 9: stop


Q16
START
Read x
i=1 , fct = 1
if
i<=n
NO
Yes
Print fact
i= i+1
fct= fct * i
STOP