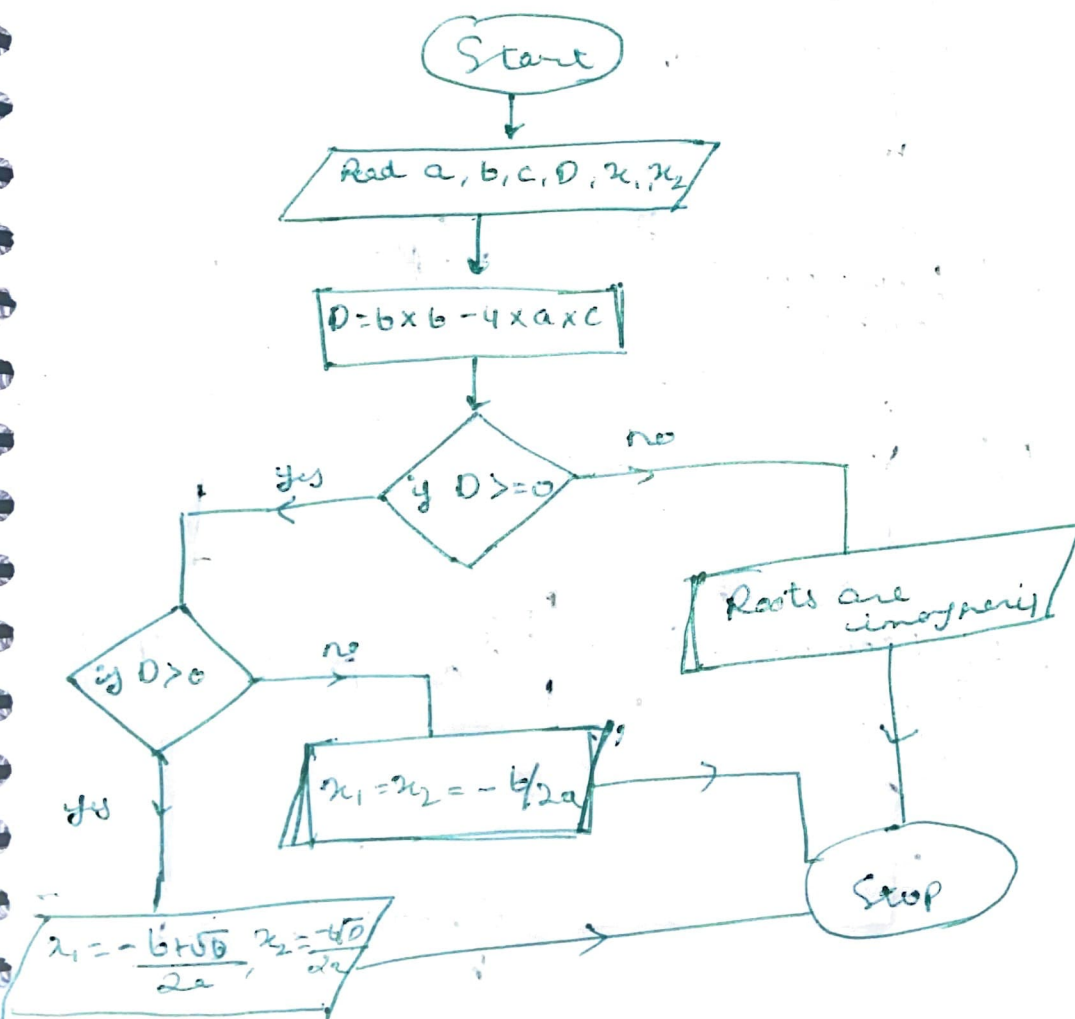


① Create a flowchart of Quadratic Equation to find roots of quadratic equation $ax^2 + bx + c = 0$
 Find $D = b^2 - 4ac$ $D=0$, $D>0$, $D<0$ (Discriminant)
 ?

$$D=0 \rightarrow x_1 = x_2 = -b/2a$$

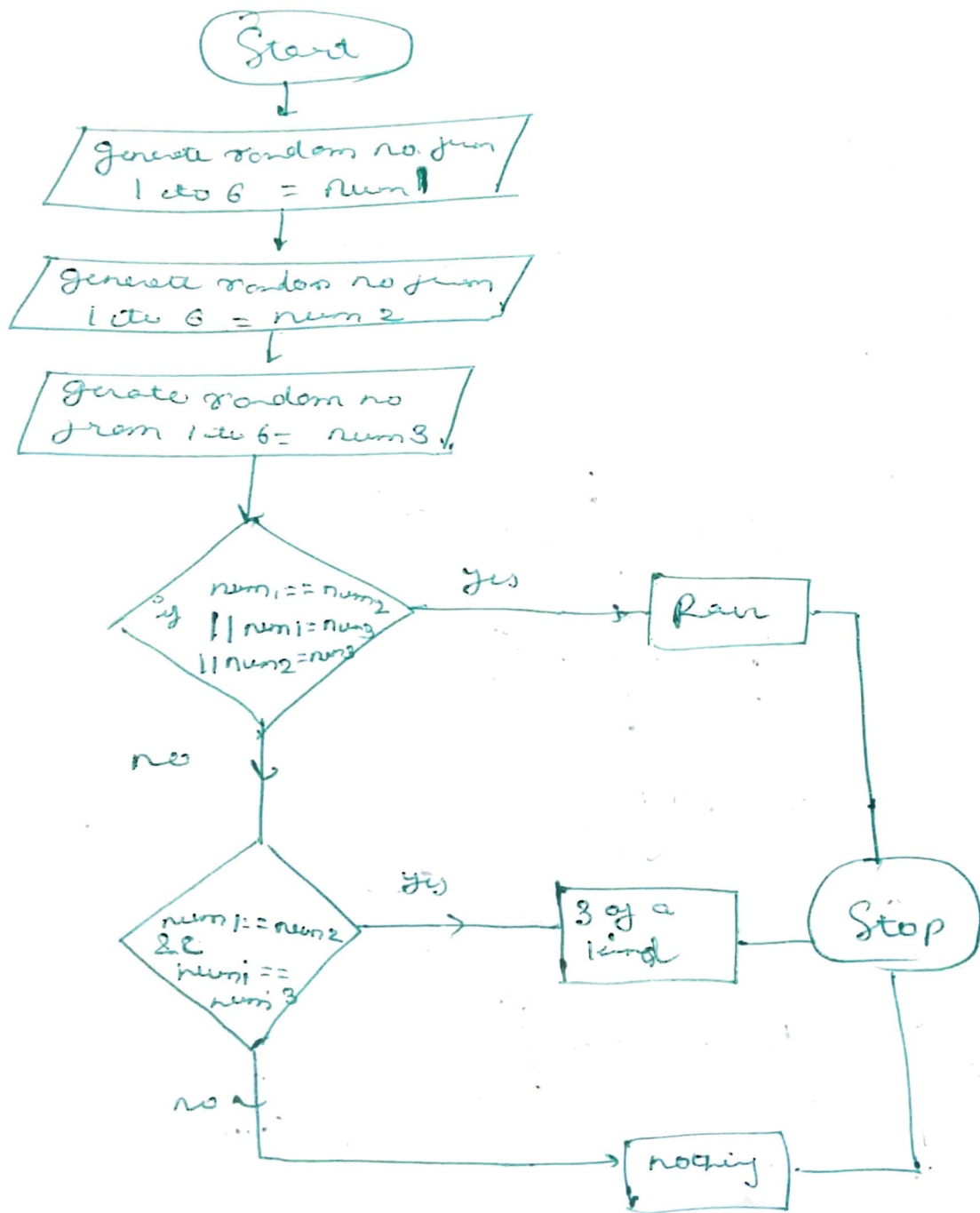
$$D>0 \rightarrow x_1 = \frac{-b+\sqrt{D}}{2a}, x_2 = \frac{-b-\sqrt{D}}{2a}$$

$D<0 \rightarrow$ Roots are imaginary.

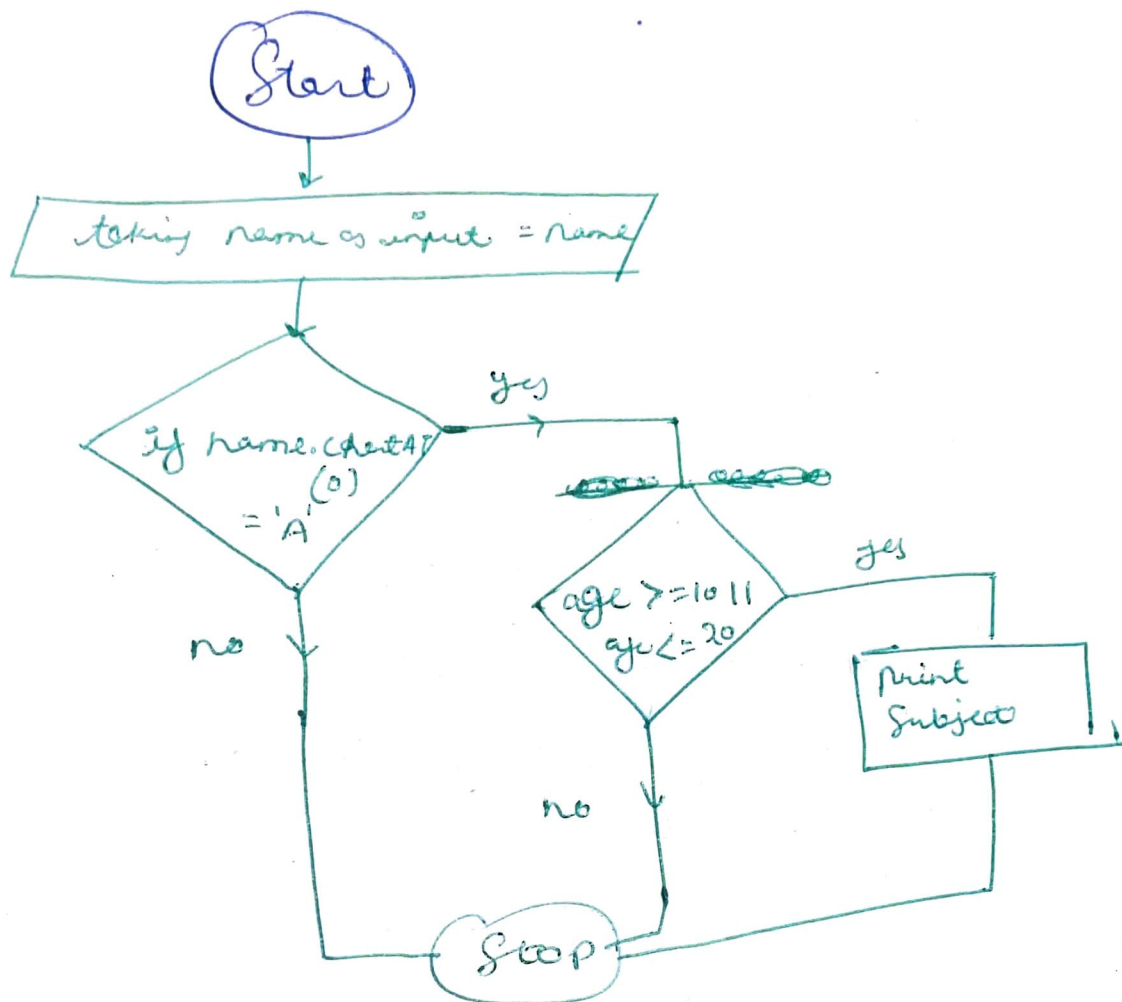


As
Q1

- ② we have a dice roll it 3 time if all the time we get 3 of a kind , if 2 pair , if nothing than nothing.



Q1) print Subject of those student whose name start with 'A' and whose age lies between 10 to 20.



Q2) Array of 3 City [delhi, banglore, mumbai] we have to print name of those student who either from this three city?

City [] = "delhi, banglore, mumbai"

name of student ider from this three city

first thing is ~~that~~ we create an array
name . city [] . and put the value of
~~city~~ cities and we run a loop from
0 to 200 of student and this dist
first thing we have to do is we

Pseudocode \rightarrow 0 1 2

① array [] = "delhi", "banglore", "mumbai"

② loop from 0 to 200

③ if City = array.charAt(0) ||

City = array.charAt(1) ||

City = array.charAt(2)

④

then

⑤ Print name of student.

⑥ : stop.

— 2 —

Assignment ③

12-02-2022

① array of 5 number we have to
find max number and min number

~~1. Start code~~
~~2. generate~~

Print variable \rightarrow 1, max, min, ~~Stop~~

(Stop)

Enter a size of array = 5

then

enter element in the array

arr[i] = "10, 50, 12, 16, 2"

assume,

max = arr[0]

min = arr[0]

we have to run loop from 1 to 5
condition in loop.

if (arr[i] > max)

then max = arr[i]

if (arr[i] < min)

then min = arr[i]

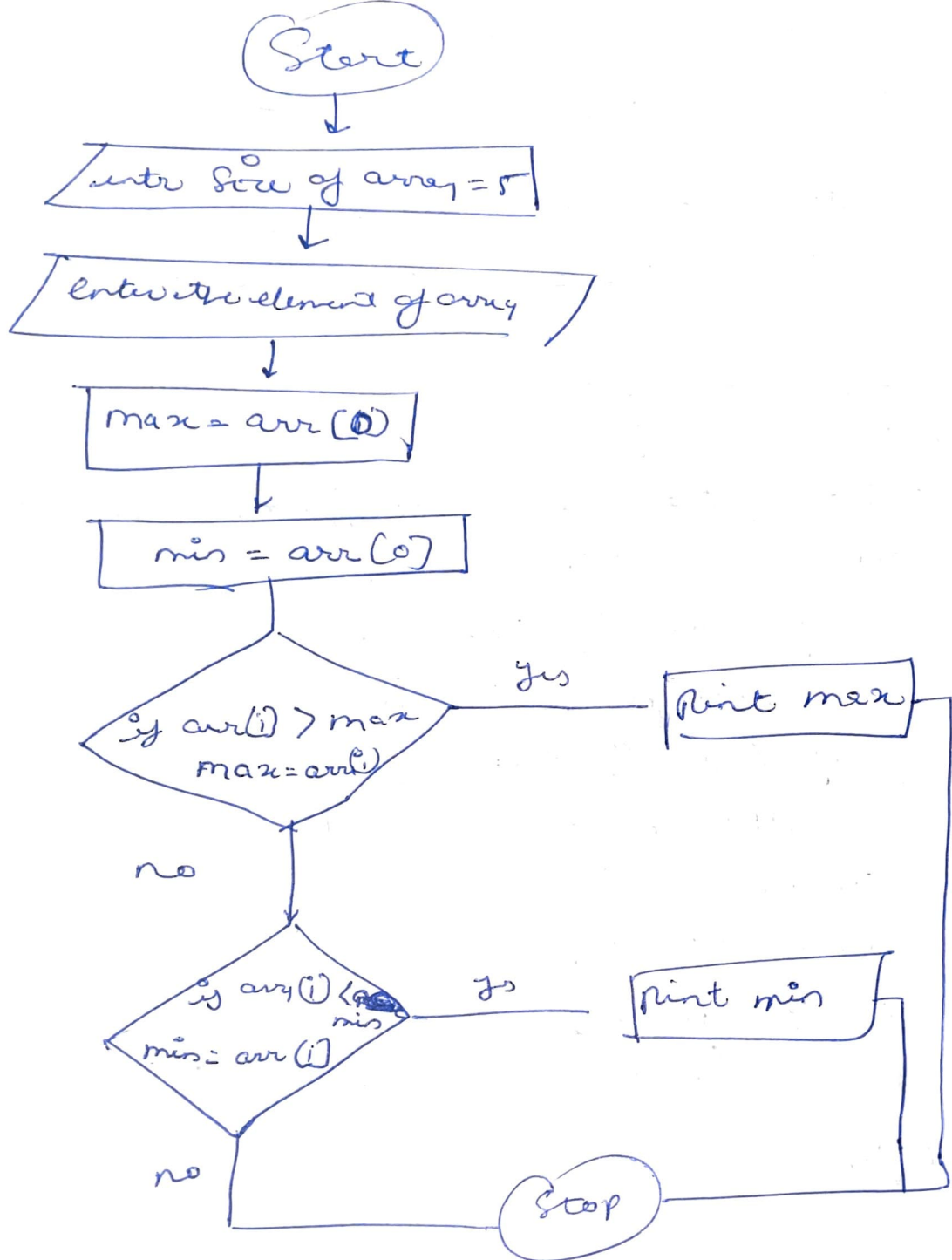
increment $i++$

when the loop end

Print (max)

Print (min)

(Stop)



I know there is a mistake in flowchart
in is that I don't know to add increment
sign in loop so pls consider it, I'll try to
learn it again sorry for that