

Questions -

- 1) Add two numbers by taking input.

Flow Chart: ~~Flow chart for adding two numbers~~ Pseudo Code:

Input A, B \rightarrow Output Sum = A + B

Start \rightarrow Read A, B \rightarrow Sum = A + B \rightarrow Print Sum \rightarrow End

Read A, B

3) Sum = A + B

Sum = A + B

5) End

Print Sum

End

- 2) Subtract two numbers by taking input.

Flow Chart:

Start

Read A, B

Sub = A - B

Print Sub

End

Pseudo Code:

1) Start

2) Read A, B

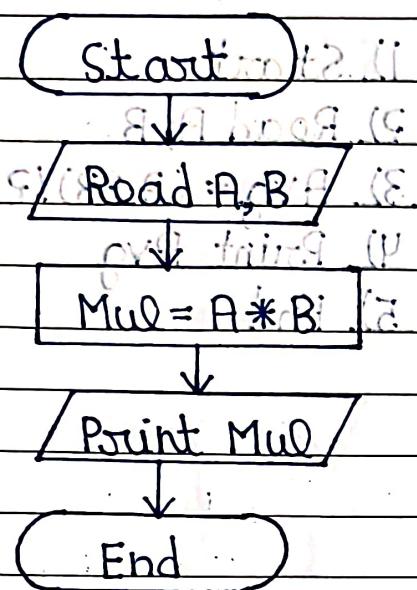
3) Sub = A - B

4) Print Sub

5) End

3) Multiply two numbers by taking input.

Flowchart:

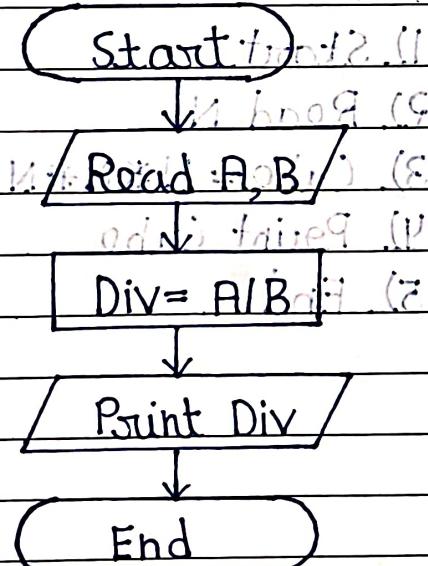


Pseudo Code:

- 1) Start
- 2) Read A, B
- 3) $Mul = A * B$
- 4) Print Mul
- 5) End

4) Divide two numbers by taking inputs.

Flowchart:

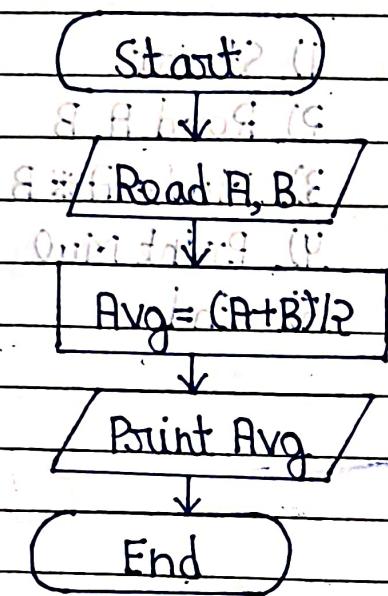


Pseudo Code:

- 1) Start
- 2) Read A, B
- 3) $Div = A / B$
- 4) Print Div
- 5) End

5) Average of two numbers: continuous part. p0: i=0, j=1

Flowchart:

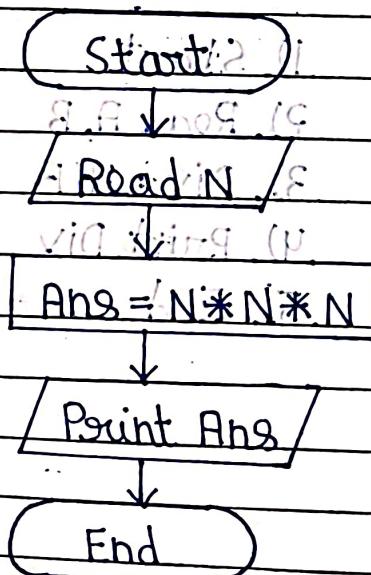


Pseudocode:

- 1) Start
- 2) Read A, B
- 3) $\text{Avg} = (A+B)/2$
- 4) Print Avg
- 5) End

6) Cube of a number: continuous part. olivia

Flowchart:



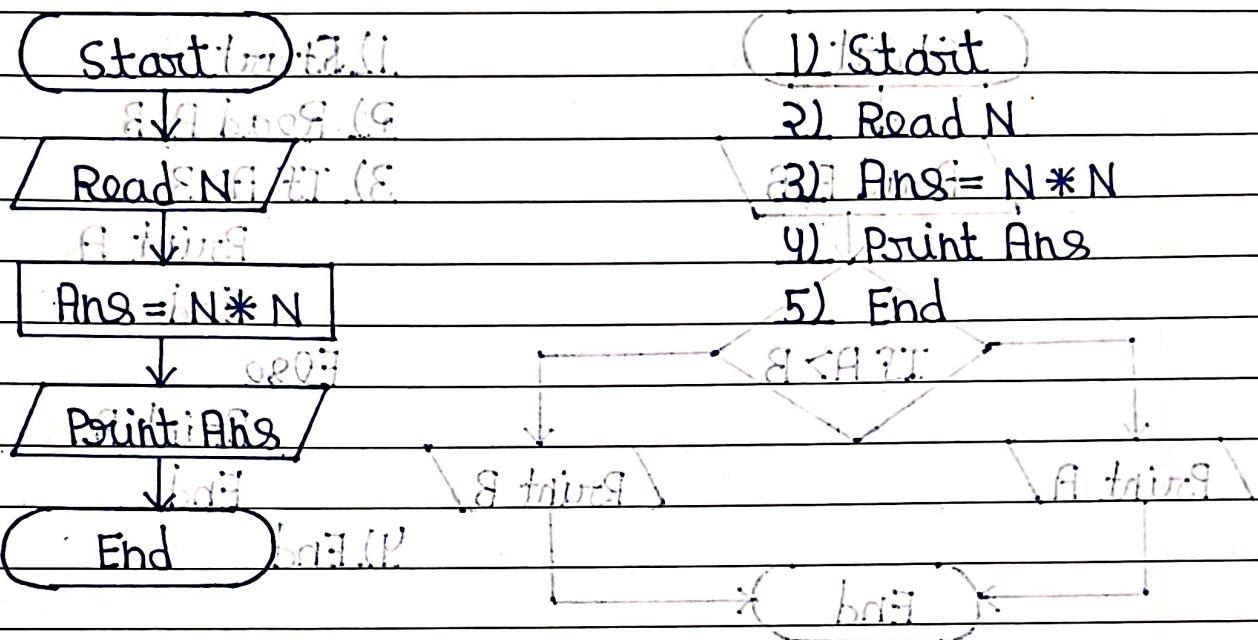
Pseudocode:

- 1) Start
- 2) Read N
- 3) $\text{Cube} = N * N * N$
- 4) Print Cube
- 5) End

7) Square of a number written in assembly language brief (e).

Flowchart:

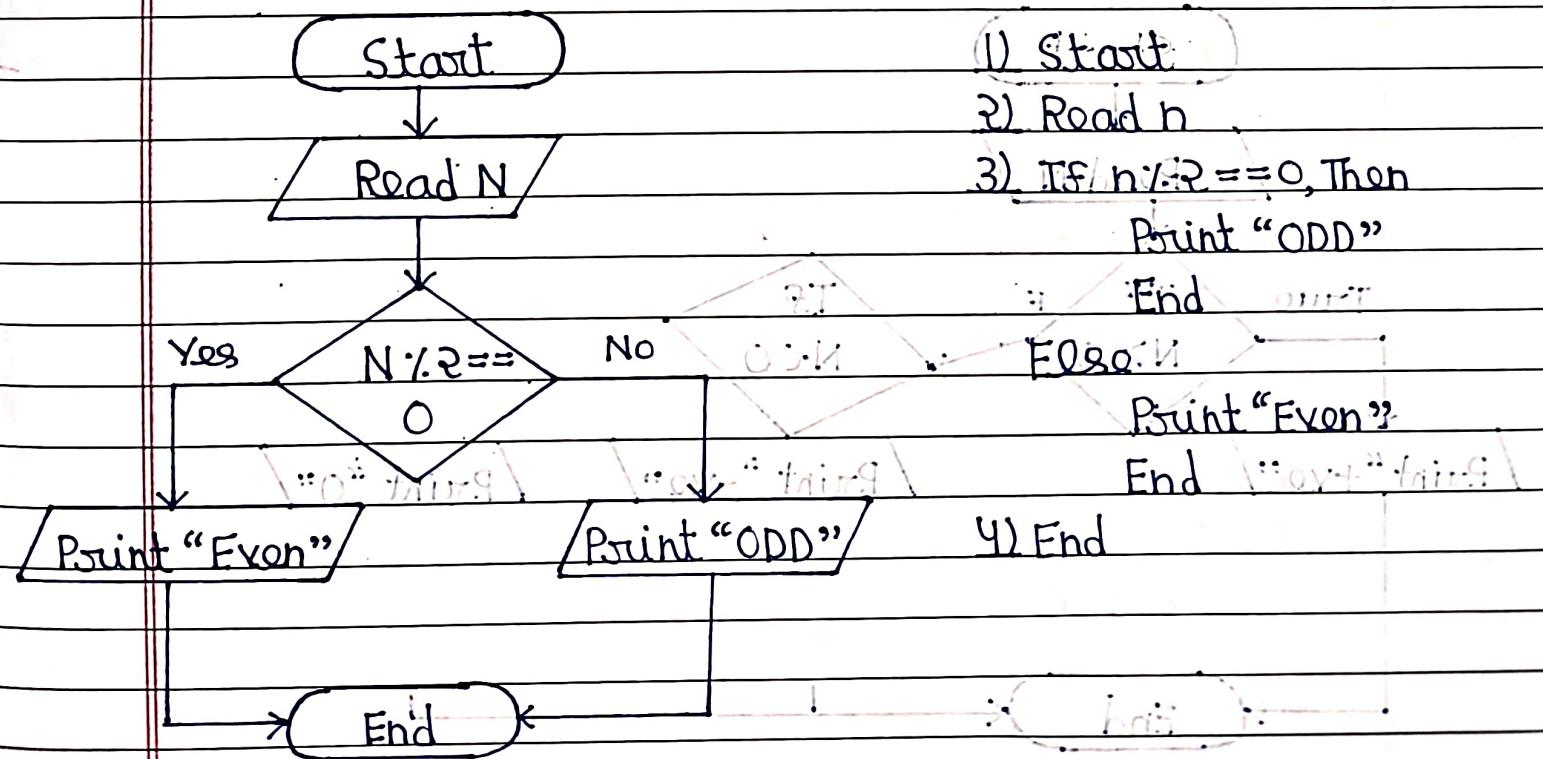
Pseudo Code:



8) Number is Even or Odd, write assembly language brief (e).

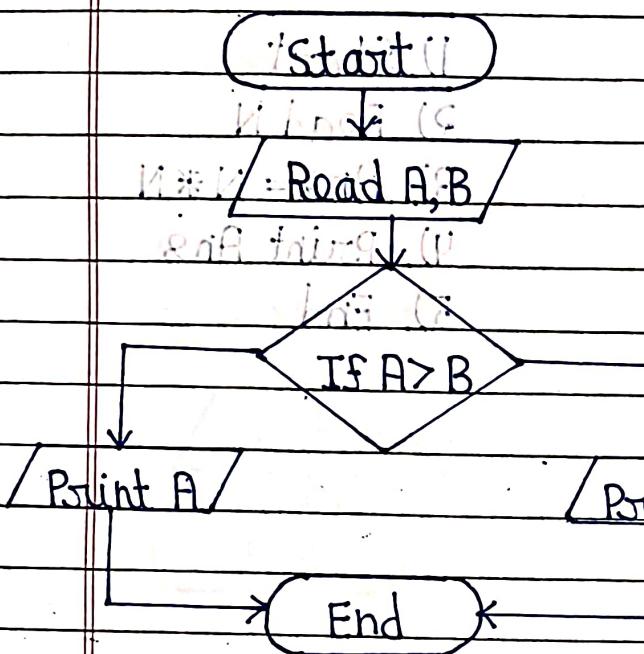
Flowchart:

Pseudo Code:



9) Find greater number between two numbers.

: Flowchart:

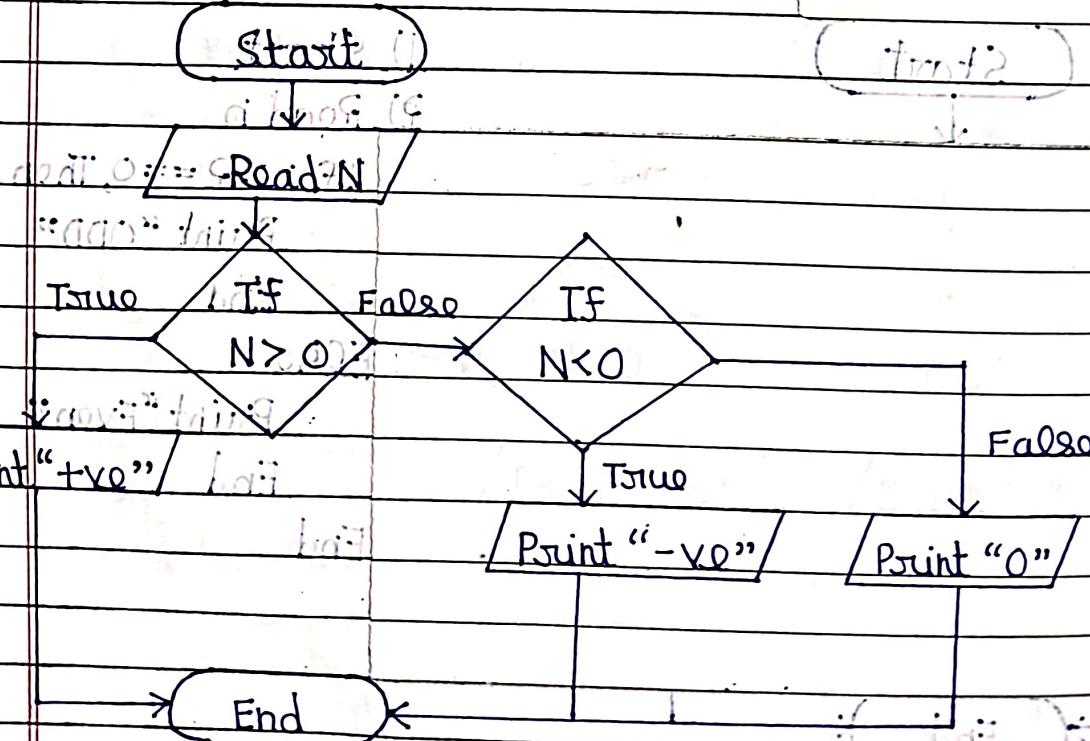


Pseudo Code:

- 1) Start
- 2) Read A, B
- 3) If $A > B$
- Print A
- Else
- Print B
- End
- 4) End

10) Check whether given number is positive, negative or zero

: Flowchart:



Pseudo Code : ~~readmuri Onitona a terip. thing [9]~~

- 1) Start ~~no. 29~~ : ~~function~~ ~~void~~
- 2) Read N
- 3) IF $N > 0$: ~~int i = 1~~
 1. Print " +ve "
 End if ~~i <= N~~
 Else if $N < 0$:
 Print " -ve "
 End if ~~i <= N~~
 Else if $i = 0$:
 Print " 0 "
 End if ~~i <= N~~
- 4) End

~~(i = 1)~~

~~i loop~~

~~i = i + 1~~

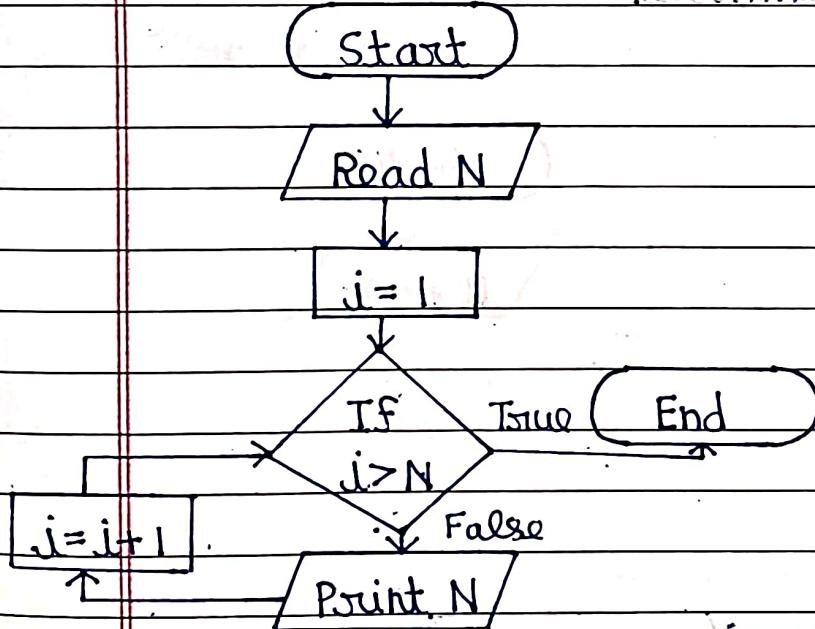
~~loop~~

~~i = i + 1~~

~~i loop~~

ii) Print a number 10 times.

~~readmuri Onitona a 7n mri? [8]~~



Flow chart :

Pseudo Code :

: ~~function~~ ~~void~~

1) Start

2) Read N

3) $j = 1$

4) IF $j \geq N$:

End

Else :

Print N

~~j = j + 1~~

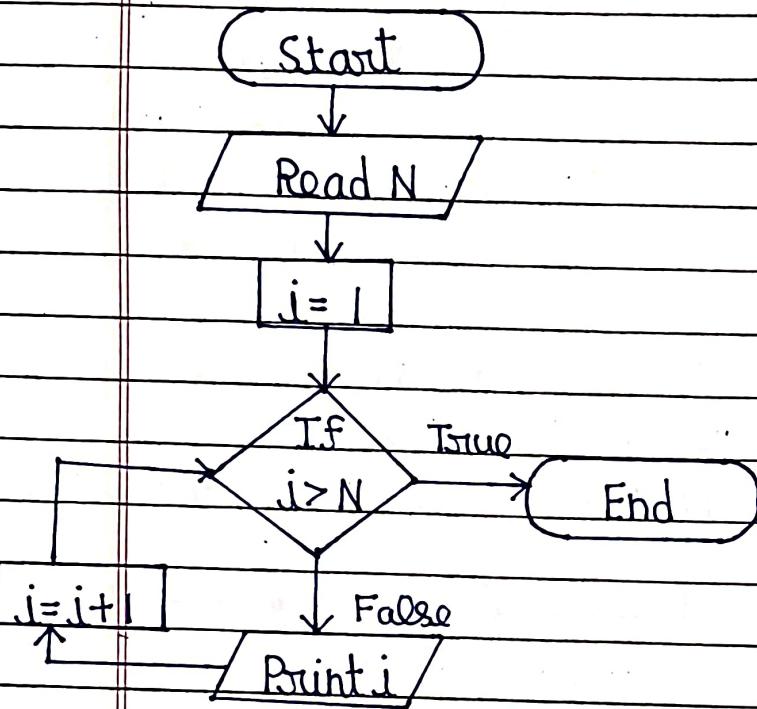
~~j = j + 1~~

~~Go to Step 4~~

5) End

12) Print first n natural numbers.

Flow chart:

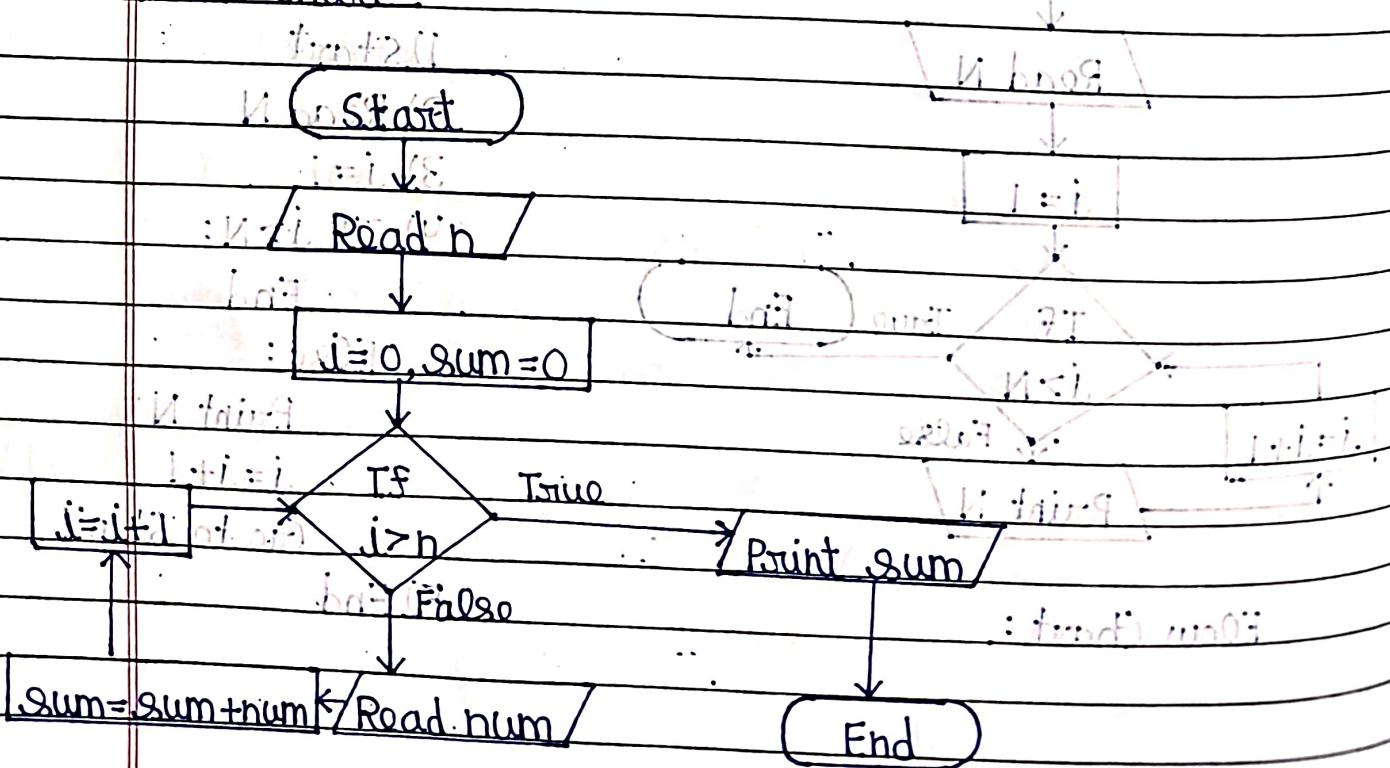


Pseudo code:

- 1) Start : $i \leftarrow 0$
- 2) Read N , $i = 1$
- 3) If $i \geq N$:
- : O/P i End of loop
- "Go to step 4"
- 4) Print i
- $i = i + 100$
- "Go to Step 3"
- 5) End

13) Sum of n natural numbers.

Flow chart:



Pseudo Code:

:065) ab11089

1) Start

2) Read n

3) i=0, sum=0

4) If $i > n$:

Print sum

End

Else

Read num

Sum = sum + num

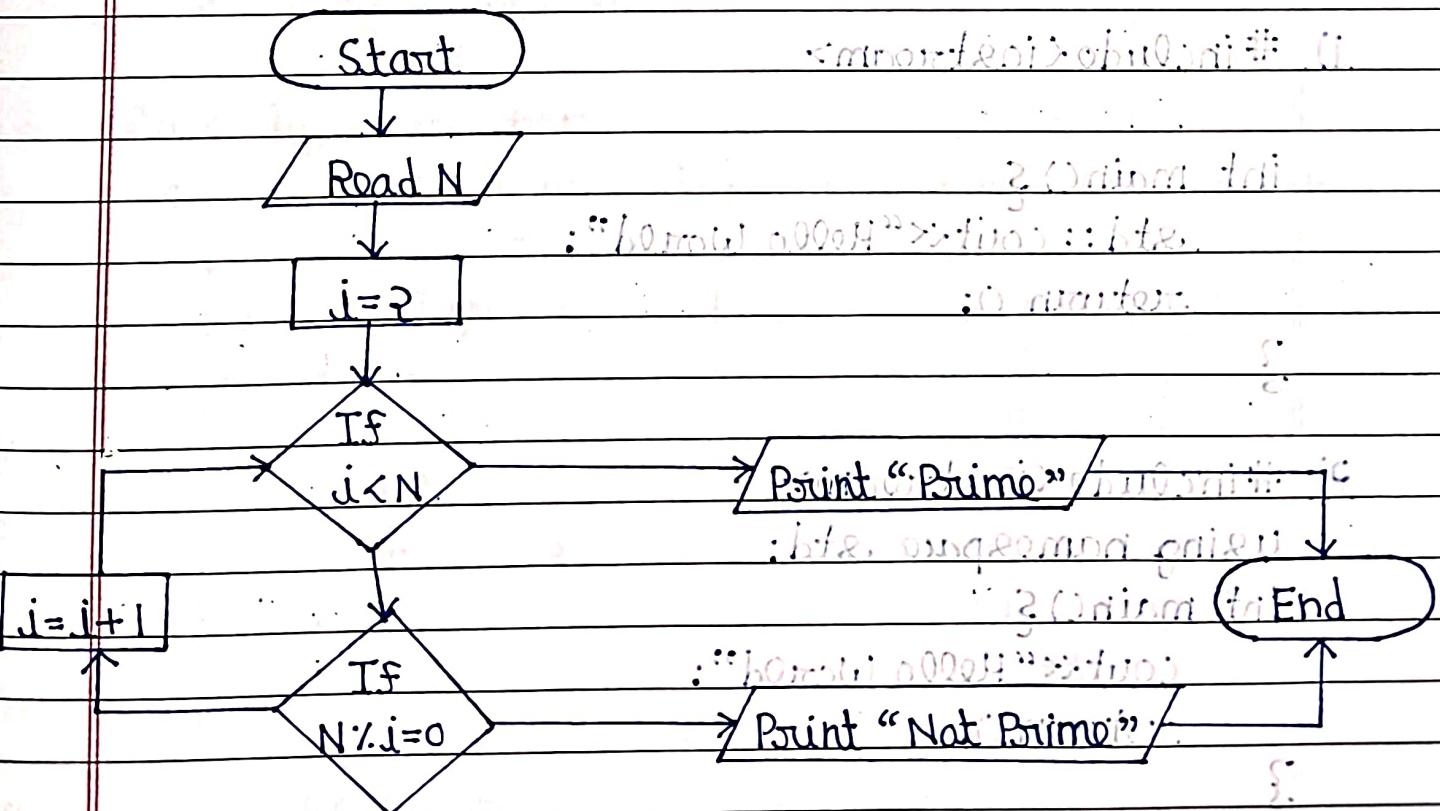
$i = i + 1$

Go to Step 4

5) End

14) Check whether a number is prime or not.

Flowchart



Pseudo Code:

1) Start

2) Read N

3) i=2

4) If $i < N$:

 Print "Prime"

 End

Else

 If $(N \% i == 0)$:

 Print "Not Prime"

 End

Else:

$i = i + 1$

 Go to Step 4

5) End.