

Problem 2 : \* IPO Chart :Input

- A number  $n$ .

Processing

- checking whether number is greater than 0.

• ~~By n/10~~

• ~~While  $n > 0$  do~~

~~If  $n \% 2 == 0$  THEN~~

~~print "Even no"~~

~~Else~~

~~$n \% 2 != 0$~~

~~print "Odd no"~~

~~END WHILE~~

~~print "Invalid Input"~~

• If  $n > 0$

If  $n \% 2 == 0$

Print "Even"

Else  $n \% 2 != 0$

Print "Odd"

Else

Print "Invalid INPUT"

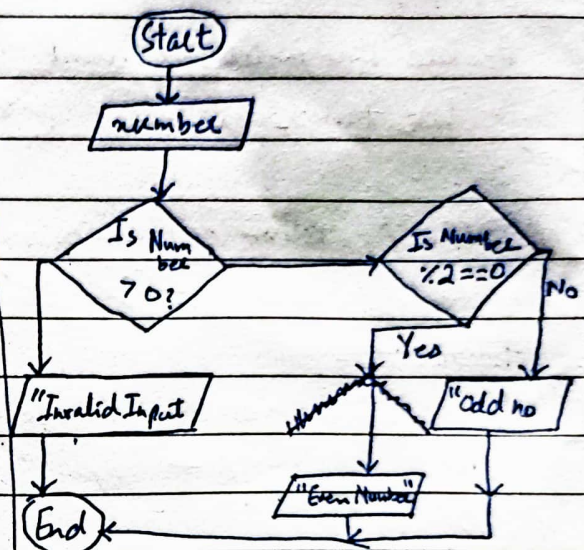
Output

Even OR

Odd

number

for Mr Bhola.

\* Flowchart\* Pseudocode :

START

Declare Number : Integer

INPUT Number

If Number  $> 0$

If Number  $\% 2 == 0$

Print "Even number"

Else Number  $\% 2 != 0$

Print "Odd number"

Else Print "Invalid Input"

END

\* Description :

- I first thought to input a number and learnt how to check if a number is even.
- Then I thought how to check if input is positive.
- Then show prompts to the user according to number input.