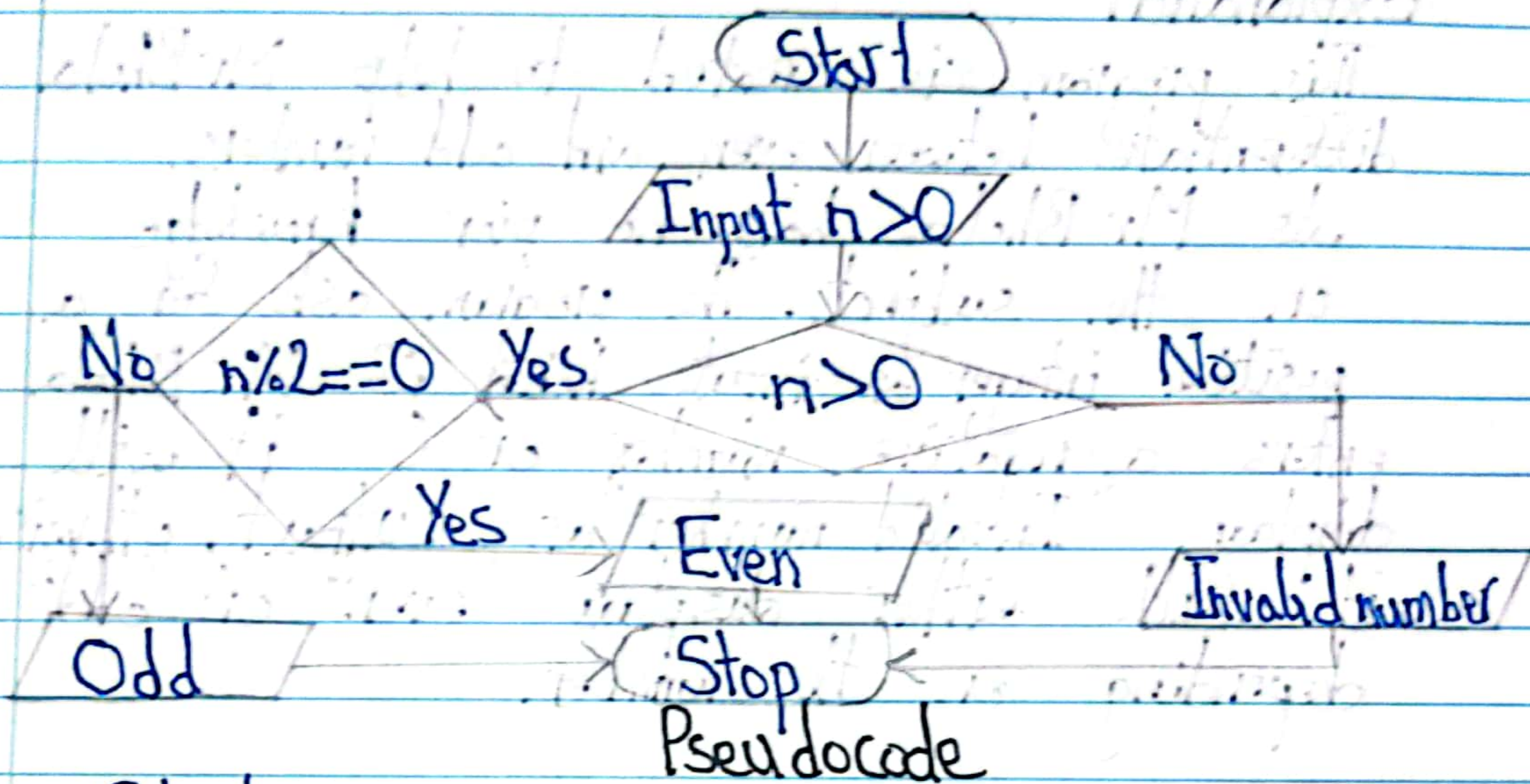


24K0001 PF Assignment

Q2

Flowchart



Start

Input: Positive integer n

Process

IF $n > 0$
 Check if $n \% 2 == 0$
 For true Output "Even"
 For False Output "Odd"
 Else if $n \leq 0$
 Output "Invalid number"

Stop

IPO

Input
Positive integer

Process
 IF $n < 0$ Output "Invalid"
 Else $n \% 2 == 0$
 Output "even"
 Else odd

Output
 $n < 0$ "Invalid"
 $n \geq 0$
 "Odd" or "Even"

M. masoom Khan 24k-0001 PF Assignment: 1

Q2

Explanation

This program is created to help Mr Bhola differentiate between even and odd numbers.

As Mr Bhola has no prior knowledge on the subject. The program ask for a positive integer as input however if Mr Bhola enters a negative number or 0 it will display "Invalid number as output, otherwise it will either display even or odd depending on the number.