

1. Define the Problem:

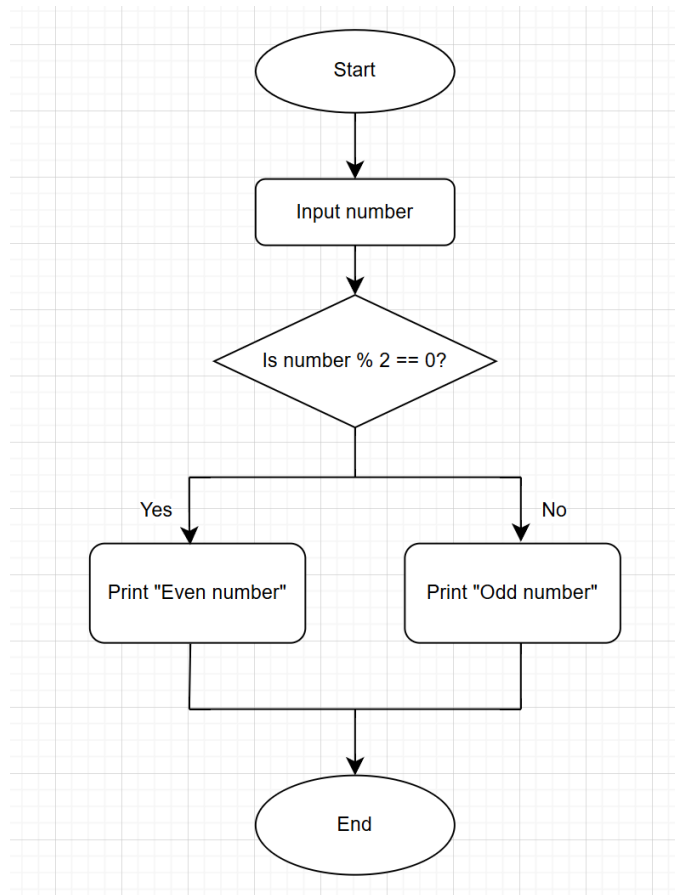
Create a simple program that:

- Accepts a number as input.
- Checks if the number is even or odd.
- Displays "Even number" if the number is divisible by 2, otherwise "Odd number".

2. Identify Key Processes:

- Start the program
- Input a number
- Check if the number is divisible by 2
- If divisible, display "Even number"
- Else, display "Odd number"
- End the program

3. Draw the Flowchart (Text Representation):



4. Transition to Pseudocode:

- **Start** → Start of the process
- **Input Number** → Prompt the user for input
- **Decision** → Use an if condition to check divisibility
- **Output** → Print the appropriate message
- **End** → End the process

5. Pseudocode:

```
Start
    Prompt user to enter a number
    Read number

    If number modulo 2 equals 0 then
        Print "Even number"
    Else
        Print "Odd number"
    End If
End
```