problem 5 : check if a number is even or odd

```
start → input n → if n%2==0
                      │ false → print odd number
                      │ true
                      ↓
                  print even number
```

- start
- input n
- if n%2==0
  - false → print odd number
  - true → print even number
- print even number → stop
- print odd number → stop
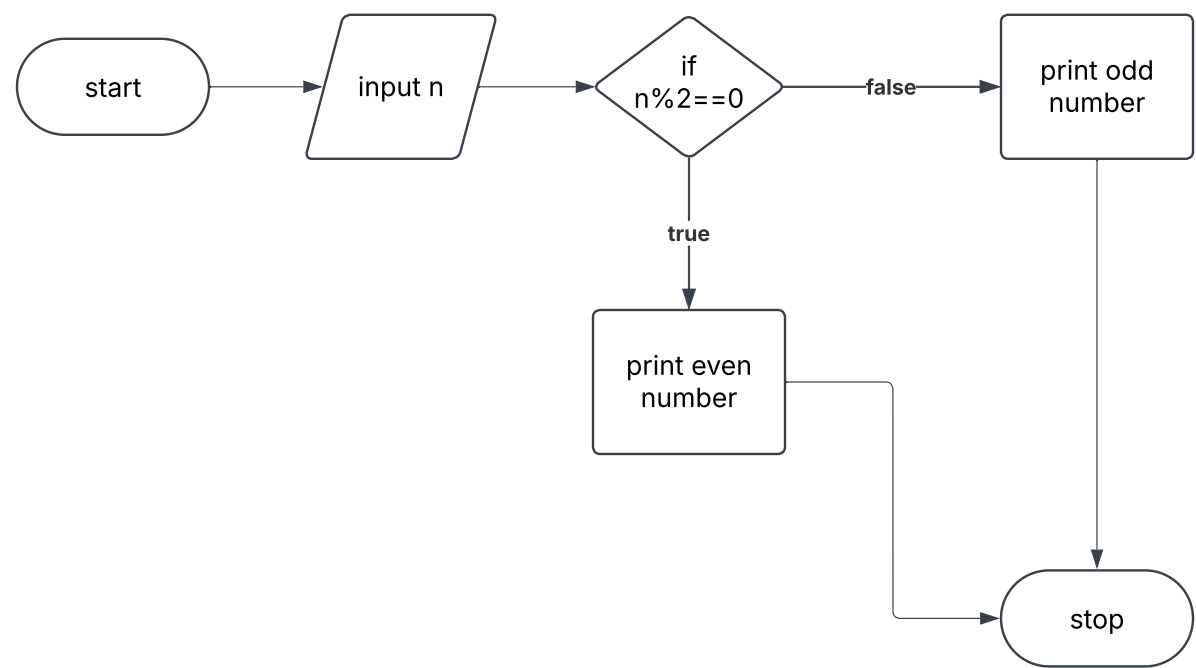
problem 4: Factorial calculation

```
start → input n → tot = 1 → for i in 1 to n
                               │ Yes → print tot → stop
                               │ No
                               ↓
                            tot =*i
```

- start
- input n
- tot = 1
- for i in 1 to n
  - Yes → print tot → stop
  - No → tot =*i