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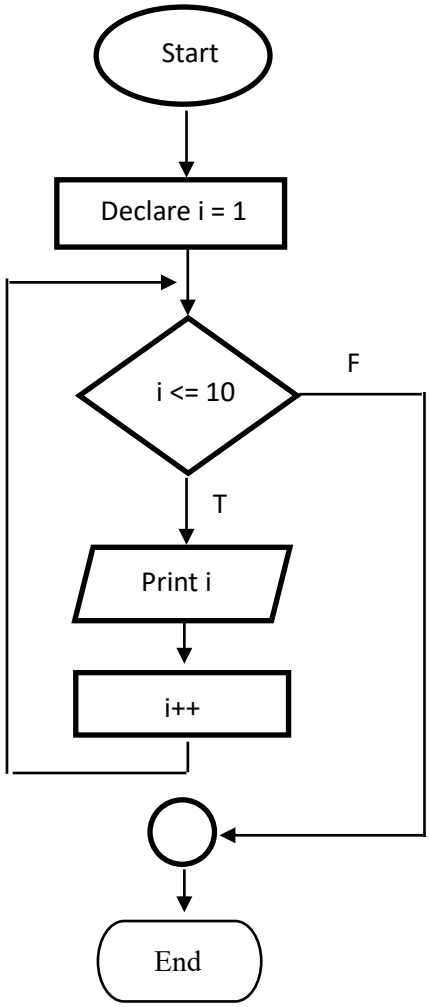
## Problem 1

1. Start
2. Declare i = 1
3. While (i < =10)
   3.1. Print i
   3.2. i ++
4. End

## Flow Chart



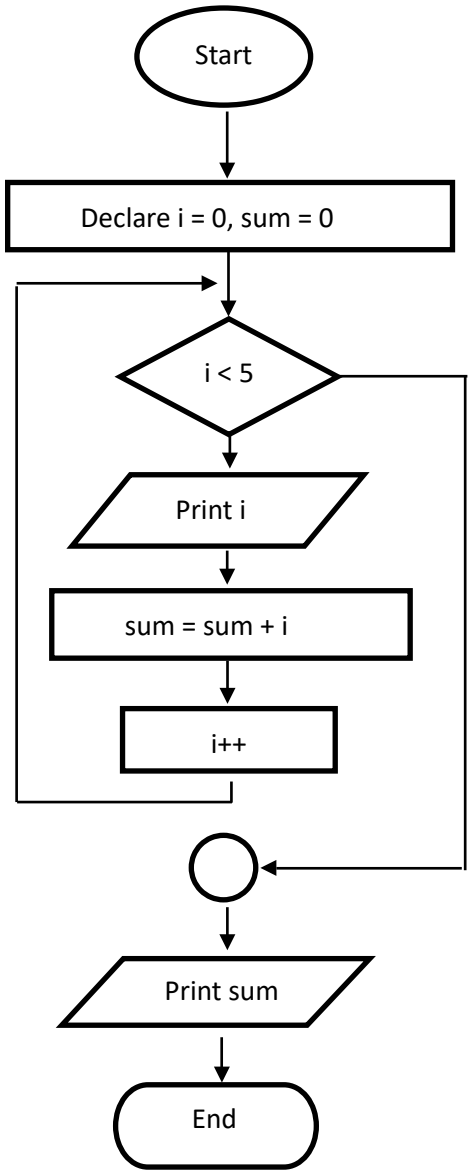
## Problem 2

1. Start
   2. Declare sum = 0, i = 0
   3. While (i < 5)
      - 3.1 Print i
      - 3.2 sum = sum + i
      - 3.3 i++

   4. print sum

   5. End

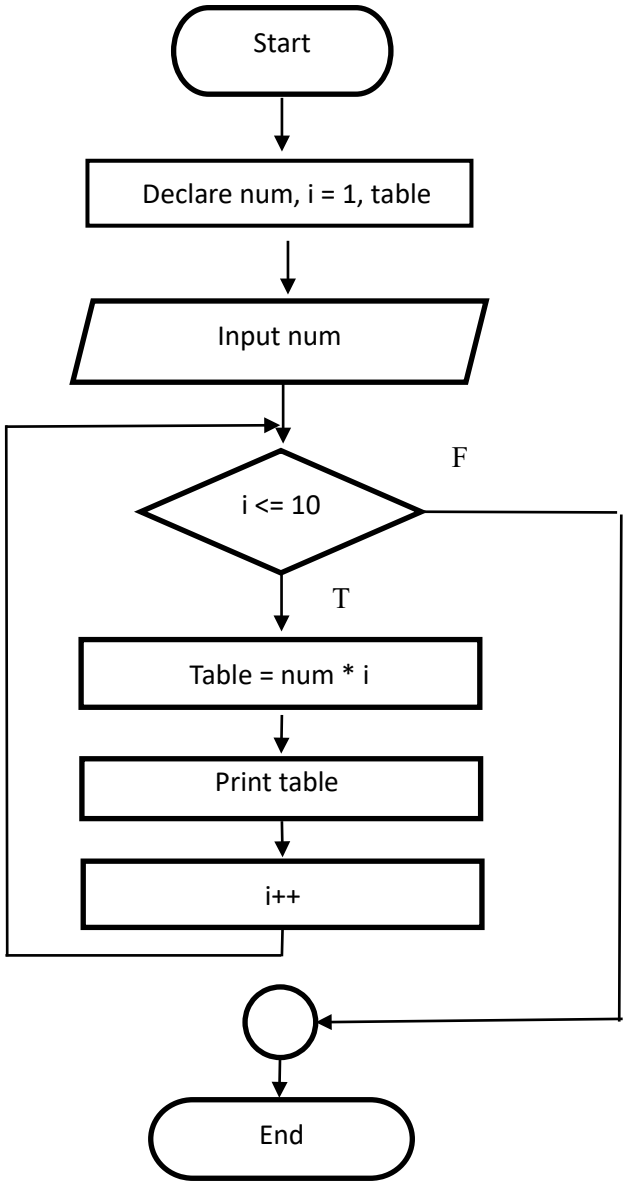
## Flow Chart



## Problem 3

1. Start
2. Declare num, i = 1, table
3. Input num
4. While (i <= 10)
   4.1. table = num * i
   4.2. Print table
   4.3. i++
5. End

## Flow Chart

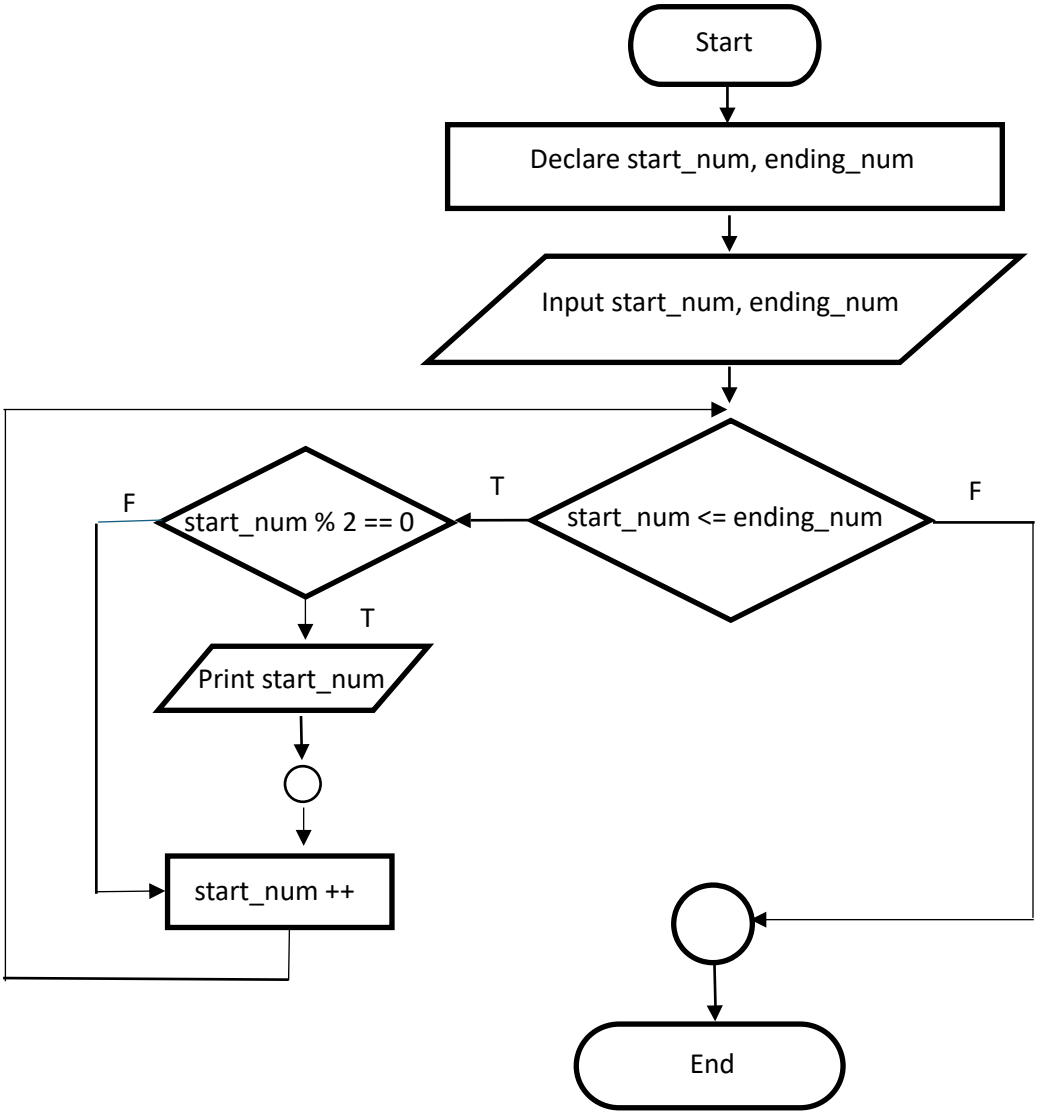



## Problem 4

1. Start

2. Declare start_num, ending_num
3. Input start_num, ending_num
4. While (start_num <= ending_num)
   4.1. If (start_num % 2 == 0)
   4.2. Print i
5. i++
6. End

**Flow Chart**




**Problem 5**

1.Start

2. Declare num

3.Input num

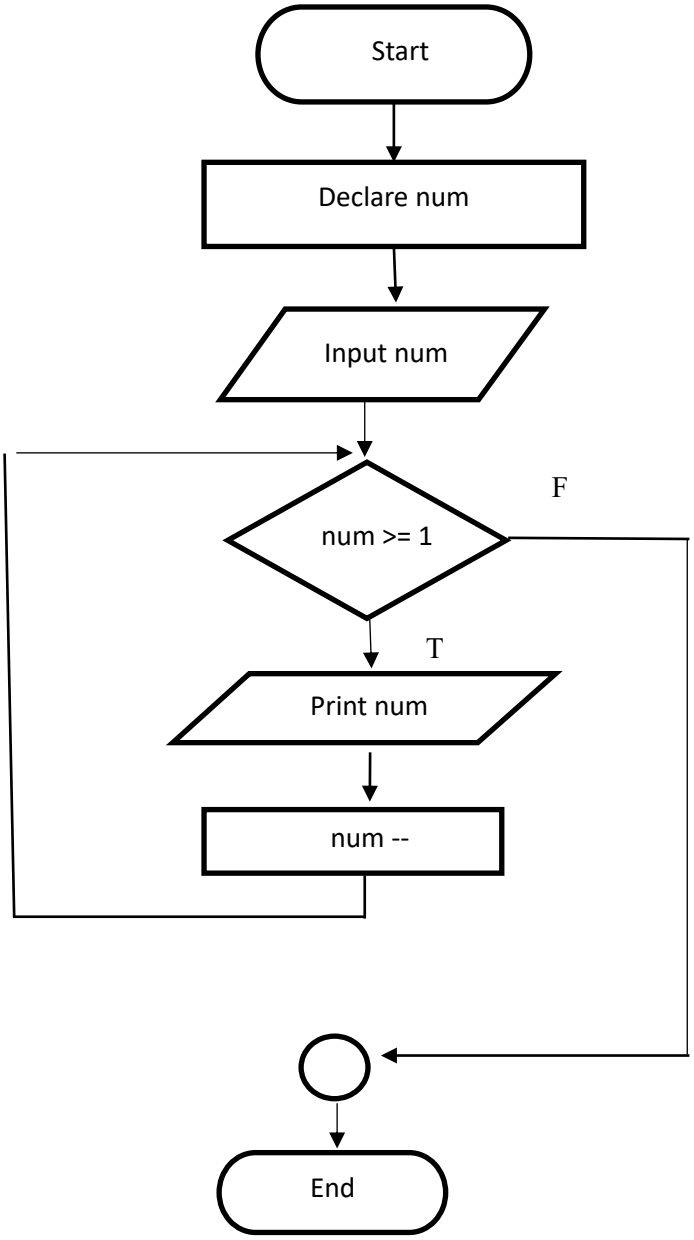
4. While (num >= 1)

4.1 Print num

4.2 num--

5. End

## Flow Chart



## Problem 6

1.0 Start

2.0 Declare i = 1, prod

3.0 While (i <=10)

3.1 If (i % 2 != 0)

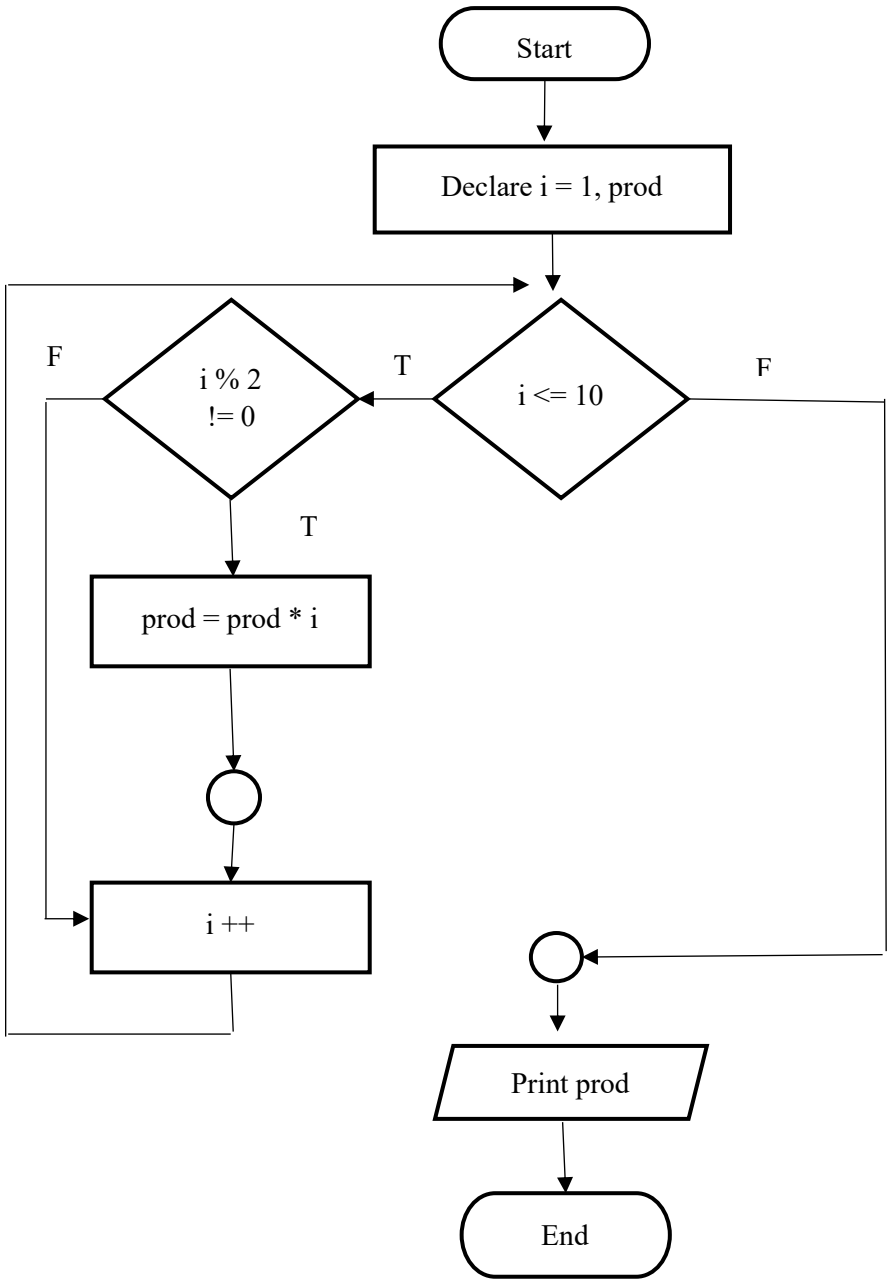
3.1.1 prod = prod * i

3.2 i ++

4.0 print prod

5.0 End

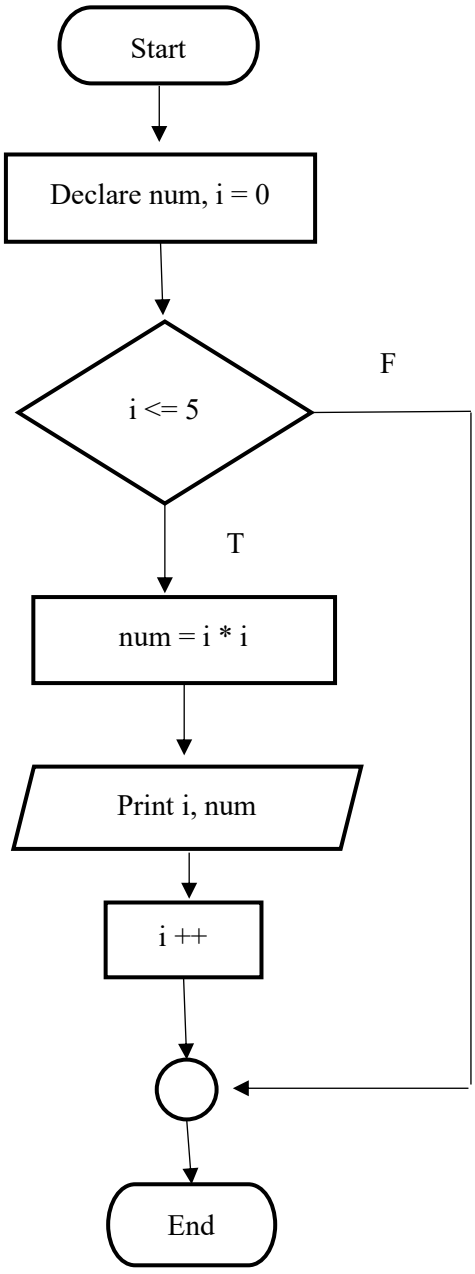
## Flow Chart



## Problem 7

1. Start
2. Declare num, I = 0
3. While (i <= 5)
   3.1 num = i * i
   3.2 print i, num
   3.3 i ++
4. End

## Flow Chart



## Problem 8

1. Start
2. Declare fact = 1, i = 1
3. Input num
4. While ( i < = num)
   4.1 fact = fact * i
   4.2 i ++
5. Print fact
6. End

## Flow Chart