PSEUDOCODE

I. Adding Two Numbers

```
BEGIN
NUMBER s1, s2, sum
OUTPUT ("Input number1:")
INPUT s1
OUTPUT ("Input number2:")
INPUT s2
sum=s1+s2
OUTPUT sum
END
```

II. Finding Area of Circle using Radius & Diameter

```
BEGIN
NUMBER d, area
INPUT d
radius=d/2
NUMBER r, area
INPUT r
area=3.14*r*r
OUTPUT area
END
```

or

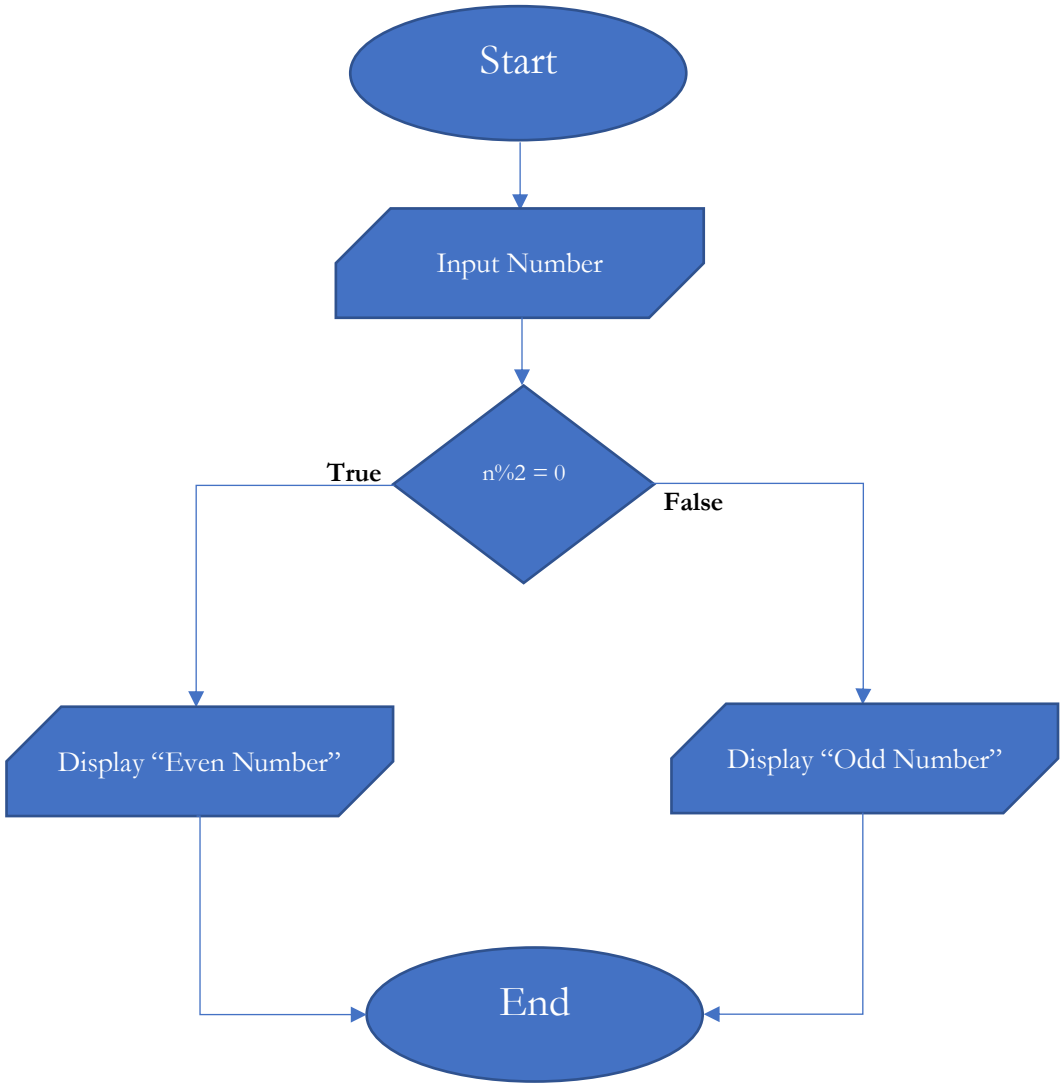
```
BEGIN
NUMBER r, area
INPUT r
area=3.14*r*r
OUTPUT area
END
```

III. **ODD and EVEN program**

a. Procedure/Algorithm

1. Take integer variable *n*
2. Assign value to the variable
3. Perform *n* modulo 2 and check result it output is 0 (n%2 = 0)
4. If true *n* is even
5. If false *n* is odd

b. Flowchart



c. Pseudocode

```
DECLARE
  n number
START
  DISPLAY “Enter the number – “
  READ number
  IF number modulo 2 equals to 0
    DISPLAY number is even
  ELSE
    DISPLAY number is odd
  END IF
END
```