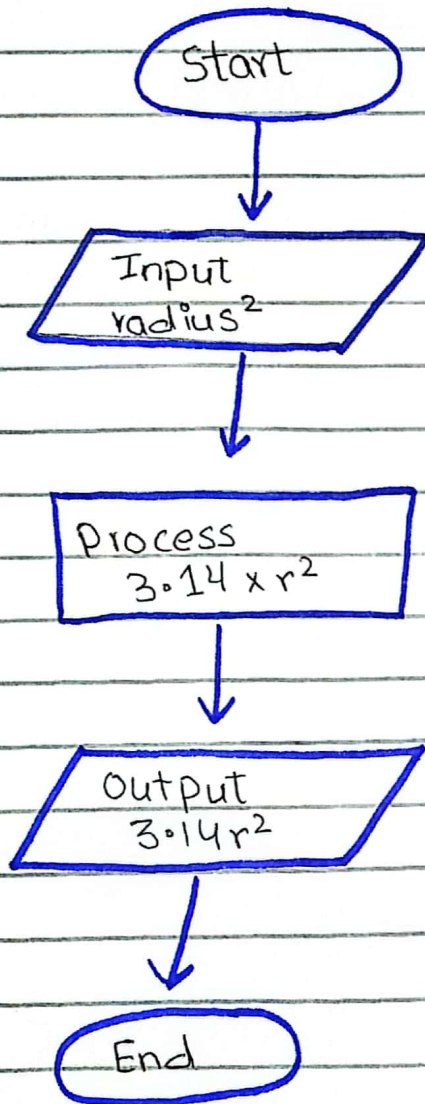


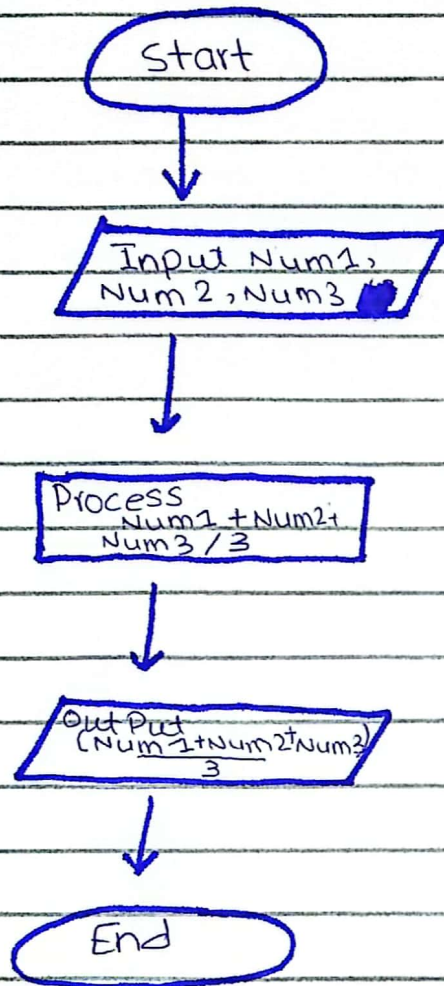
### Flow chart & Pseudo code

#### Task #1



- Step 1: Start
- Step 2: Input the radius
- Step 3: Process by calculating area
- Step 4: Print the sum
- Step 5: End

## Task #2



Step 1: Start

Step 2: Input Num 1, Num 2, Num 3

Step 3: Add Num 1, Num 2, Num 3 and divide by 3 for sum

Step 4: Print the output

Step 5: End

## Task #3

$$X = y * 2 - z / 3$$

$$X = y * 2 - 5 / 3$$

$$X = y * 2 - 1.6$$

$$X = 5 * 2 - 1.6$$

$$X = 10 - 1.6$$

$$X = 8.4$$

$$z = 5, y = 5$$

$$X = ?$$



## Task #4

### Expression 1:

$$((12-3)*4/2+5) \&\& (3<4 \parallel 7>=8)$$

$$( (12-3 * 4 / 2 + 5) \&\& (3 < 4 \parallel 7 > = 8) )$$

$$9 * 2 + 5 \&\& (3 < 4 \parallel 7 > = 8)$$

$$18 + 5 \&\& (3 < 4 \parallel 7 > = 8)$$

$$23 \&\& \text{True} \parallel \text{false}$$

$$23 \&\& \text{True}$$

True

### Expression 2:

$$((8*2)/4 + (10/3)) \parallel (6 == 6 \&\& 3 > 2)$$

$$16/4 + (1) \parallel (6 == 6 \&\& 3 > 2)$$

$$4 + 1 \parallel (6 == 6 \&\& 3 > 2)$$

$$5 \parallel \text{True} \&\& \text{True}$$

$$5 \parallel \text{True}$$

True