Activity 2

This program designed to get digit from user n read each number individually and get the sum of all the digits.

1. Start
2. User input digits
3. Read digits individually
4. display all the digits
5. Get the sum of all the digits
6. Display the sum of all digits
7. End

Activity 3

This program designed for user to enter an integer number line and displays the following patterns based on the number line entered.

1. Start
2. User input an integer number
3. For pattern I
   * 1. For j=0; j<=i; j++
     2. Display num+
4. For pattern II
   * 1. i=rows-1; i>=0; i--)
     2. num=1;
     3. for(j=0; j<=i; j++)
     4. Display num+
5. For patern III
   * 1. for (i = num - 1; i >= 0; i--)
     2. for (k = i; k >= 1; k--)
     3. for (j = num - i; j >= 1; j--) {
     4. display +j
6. for pattern IV
   * 1. for(i=1; i<=rows; i++)
     2. num = 1
     3. for(j=1; j<=i; j++)
     4. for(j=i; j<=rows; j++)
     5. display num+++
7. end