Part 2:

1.

* 1, 2, 3, 4, 5
  + The average of 5 numbers is 3.0
  + Average of the positive numbers is 3.0
* 5, 10, 15, 20, -25
  + The average of 5 numbers is 5.0
  + Average of the positive numbers is 12.5
* 5, -5, 0, 0, 0
  + The average of 5 numbers is 0.0
  + Average of the positive numbers is 5.0
* 5, -5, 10, -10, 0
  + The average of 5 numbers is 0.0
  + Average of the positive numbers is 7.5
* -1, -2, -3, -4, -5
  + The average of 5 numbers is -3.0
  + Average of the positive numbers is NaN

2.

System.out.println("Prefix and Postfix operator Code");

int i = 10;

i--;

System.out.println(i);

--i;

System.out.println(i);

System.out.println(++i);

System.out.println(i++);

System.out.println(i);

System.out.println(--i);

System.out.println(i--);

System.out.println(i);

i--

if (i++ == 8)

System.out.println("Eight");

if (++i == 9)

System.out.println("Nine");

System.out.println("Final value " + i);

9

8

9

9

10

9

9

8

Eight

Final value 10