1. (1,2,3,4,5) Average: 3 Positive: 3.0
2. (5,10,15,20,-25) Average: 5 Positive: -12
3. (5,-5,0,0,0) Average: 0 Positive: 5.0
4. (5,-5,10,-10,0) Average: 0 Positive: 7.0
5. (-1,-2,-3,-4,-5) Average: -3 Positive: error

2.

Result:

9

8

9

9

10

9

9

8

Eight

Final value 10

3.

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);

if (i++ == 8)

System.out.println("Eight");

if (i++ == 9)

System.out.println("Nine");

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