**Case #1**

Enter an Integer, the input ends if a zero is entered

1

Enter an Integer, the input ends if a zero is entered

2

Enter an Integer, the input ends if a zero is entered

3

Enter an Integer, the input ends if a zero is entered

4

Enter an Integer, the input ends if a zero is entered

5

Enter an Integer, the input ends if a zero is entered

-1

Enter an Integer, the input ends if a zero is entered

-2

Enter an Integer, the input ends if a zero is entered

-3

Enter an Integer, the input ends if a zero is entered

0

The number of positive numbers is: 5

The number of negative numbers is: 3

The total is: 9

**Case #2**

Enter an Integer, the input ends if a zero is entered

2.5

Invalid integer. Try again.

2/3

Invalid integer. Try again.

a

Invalid integer. Try again.

123

Enter an Integer, the input ends if a zero is entered

-321

Enter an Integer, the input ends if a zero is entered

0

The number of positive numbers is: 1

The number of negative numbers is: 1

The total is: -198

**Case #3**

Enter an Integer, the input ends if a zero is entered

123452345623456

Invalid integer. Try again.

123412345

Enter an Integer, the input ends if a zero is entered

87658567

Enter an Integer, the input ends if a zero is entered

-3w4563456

Invalid integer. Try again.

-12341234

Enter an Integer, the input ends if a zero is entered

2345234

Enter an Integer, the input ends if a zero is entered

0

The number of positive numbers is: 3

The number of negative numbers is: 1

The total is: 201074912

**Case #4**

Enter an Integer, the input ends if a zero is entered

1

Enter an Integer, the input ends if a zero is entered

2

Enter an Integer, the input ends if a zero is entered

3

Enter an Integer, the input ends if a zero is entered

4

Enter an Integer, the input ends if a zero is entered

5

Enter an Integer, the input ends if a zero is entered

6

Enter an Integer, the input ends if a zero is entered

7

Enter an Integer, the input ends if a zero is entered

8

Enter an Integer, the input ends if a zero is entered

9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-

Invalid integer. Try again.

9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

-9

Enter an Integer, the input ends if a zero is entered

0

The number of positive numbers is: 10

The number of negative numbers is: 12

The total is: -54