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/\* Lab 3 Question 2 \*/

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/\* Date: 10/12/20 \*/

/\* This Program reads the numbers until -1 is \*/

/\* encountered \*/

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#include<stdio.h>

int main()

{

//Declaration

int num, positive = 0, negative = 0, zero = 0;

//Input

printf("Enter any number, -1 to quit: ");

scanf("%d", &num);

//Calculations

while (num != -1)

{

if (num > 0)

positive++;

else if (num < 0)

negative++;

else

zero++;

printf("Enter any number, -1 to quit: ");

scanf("%d", &num);

}

//Output

printf("Count of positive numbers entered = %d\n", positive);

printf("Count of negative numbers entered = %d\n", negative);

printf("Count of zero numbers entered = %d\n", zero);

return 0;

}

/\*

Test Run 1:

Enter any number, -1 to quit: -12

Enter any number, -1 to quit: 108

Enter any number, -1 to quit: -24

Enter any number, -1 to quit: 0

Enter any number, -1 to quit: -23

Enter any number, -1 to quit: -1

Count of positive numbers entered = 1

Count of negative numbers entered = 3

Count of zero numbers entered = 1

Test Run 2

Enter any number, -1 to quit: 6

Enter any number, -1 to quit: 15

Enter any number, -1 to quit: 76

Enter any number, -1 to quit: -20

Enter any number, -1 to quit: -1

Count of positive numbers entered = 3

Count of negative numbers entered = 1

Count of zero numbers entered = 0

Test run 3

Enter any number, -1 to quit: -34

Enter any number, -1 to quit: -56

Enter any number, -1 to quit: -76

Enter any number, -1 to quit: 24

Enter any number, -1 to quit: 37

Enter any number, -1 to quit: 66

Enter any number, -1 to quit: 0

Enter any number, -1 to quit: -1

Count of positive numbers entered = 3

Count of negative numbers entered = 3

Count of zero numbers entered = 1

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