

hetan\_projects > C\_experiments > exp 3.2 > C 1\_numbers.c > main()

```
1  #include <stdio.h>
2
3  int main() {
4      int num, pos = 0, neg = 0, zero = 0;
5      char a;
6      int i = 1;
7
8      while (i != 0)
9      {
10         printf("Enter number: ");
11         scanf("%d", &num);
12
13         if (num > 0) {
14             pos += 1;
15         }
16         else if (num < 0) {
17             neg += 1;
18         }
19         else {
20             zero += 1;
21         }
22
23         printf("Do you wish to continue? y/n: ");
24         scanf(" %c", &a);
25
26         if (a == 'n' || a == 'N') {
27             break;
28         }
29     }
30
31     printf("\nResults:\n");
32     printf("Positive numbers: %d\n", pos);
33     printf("Negative numbers: %d\n", neg);
34     printf("Zero count: %d\n", zero);
35
36     return 0;
37 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Enter number: 5
Do you wish to continue? y/n: y
Enter number: -5
Do you wish to continue? y/n: y
Enter number: 0
Do you wish to continue? y/n: n
```

Results:

Positive numbers: 1

Negative numbers: 1

Zero count: 1

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## Exp 3.2.1

#include &lt;stdio.h&gt;

int main () {

int num, pos = 0, neg = 0, zero;

char a;

int i = 1;

while (i != 0) {

printf("Enter number:");

scanf ("%d", &amp;num);

if (num &gt; 0) {

pos += 1;

}

else if (num &lt; 0) {

neg += 1;

}

else {

zero += 1;

}

printf("Do you wish to continue? y/n: ");

scanf ("%c", &amp;a);

if (a == 'n' || a == 'N') {

break;

}

}

```
printf ("In Results: \n");  
printf ("Positive Numbers: %d \n", pos);  
printf ("Negative numbers: %d \n", neg);  
printf ("Zero count: %d \n", zero);
```

```
return 0;
```

### Qust Part

Enter number: 5

Do you wish to continue? y/n: y

Enter number: -5

Do you wish to continue? y/n: y

Enter number: 0

Do you wish to continue? y/n: n

Results:

Positive numbers: 1

Negative numbers: 1

Zero count: 1