

Experiment 3.2 - Loops.

WAP to enter numbers till the user wants. At the end, it should display the count of positive, negative and zeroes entered.

```
#include <stdio.h>
```

```
int main () {
```

```
    int n, num;
```

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

```
    printf ("how many numbers do you want to enter? ");
```

```
    scanf ("%d", &n);
```

```
    for (int i = 1; i <= n; i++) {
```

```
        printf ("Enter number %d : ", i);
```

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

```
        if (num > 0)
```

```
            positive ++;
```

```
        else if (num < 0)
```

```
            negative ++;
```

```
        else
```

```
            zero ++;
```

```
    }
```

```
    printf ("\n Results : \n");
```

```
    printf ("Positive numbers : %d \n", positive);
```

```
    printf ("Negative numbers : %d \n", negative);
```

```
    printf ("Zeroes : %d \n", zero);
```

```
    return 0;
```

```
}
```

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C exp3loopsnum.c > ...

```
1  #include <stdio.h>
2
3  int main() {
4      int n, num;
5      int positive = 0, negative = 0, zero = 0;
6
7      printf("how many numbers do you want to enter? ");
8      scanf("%d", &n);
9
10     for (int i = 1; i <= n; i++) {
11         printf("Enter number %d: ", i);
12         scanf("%d", &num);
13
14         if (num > 0)
15             positive++;
16         else if (num < 0)
17             negative++;
18         else
19             zero++;
20     }
21
22     printf("\nResults:\n");
23     printf("Positive numbers: %d\n", positive);
24     printf("Negative numbers: %d\n", negative);
25     printf("Zeroes: %d\n", zero);
26
27     return 0;
28 }
29
30
```

PROBLEMS

OUTPUT

TERMINAL

DEBUG CONSOLE

PORTS

how many numbers do you want to enter? 5

Enter number 1: 0

Enter number 2: 5

Enter number 3: -4

Enter number 4: 6

Enter number 5: 0

Results:

Positive numbers: 2

Negative numbers: 1

Zeroes: 2

PS C:\Users\abiga\OneDrive\Desktop\Absproj>