

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;
```

```
}
```

C exp3loopsnum.c X

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> █
```