Problem23: Count positive, negative, and zero numbers among 200 values.

Code:

```c
#include <stdio.h>

int main() {
    int i, num;
    int pos = 0, neg = 0, zero = 0;

    printf("Enter 200 numbers:\n");

    for(i = 1; i <= 200; i++) {
        scanf("%d", &num);

        if(num > 0)
            pos++;
        else if(num < 0)
            neg++;
        else
            zero++;
    }
```

```c
    printf("Positive numbers = %d\n", pos);
    printf("Negative numbers = %d\n", neg);
    printf("Zeros = %d\n", zero);

    return 0;
}
```

Output:

Enter 200 no. and get count of positive and negative and zero numbers.