# C programming22 for loop

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## 1 Count how many digits are there in a given number

```c
#include <stdio.h>

int main() {
    int num, count = 0;
    printf("Enter a number: ");
    scanf("%d", &num);

    while (num != 0) {
        num /= 10;
        count++;
    }
    printf("Number of digits = %d\n", count);
    return 0;
}
```
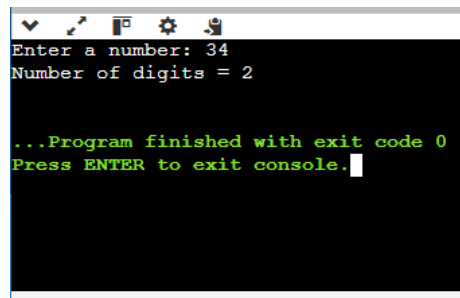


Figure 1: Enter Caption