

C programming21 for loop

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1 Separate digits of a given number

```
#include <stdio.h>

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

    printf("Digits: ");
    while (num > 0) {
        digit = num % 10;
        printf("%d ", digit);
        num /= 10;
    }
    return 0;
}
```

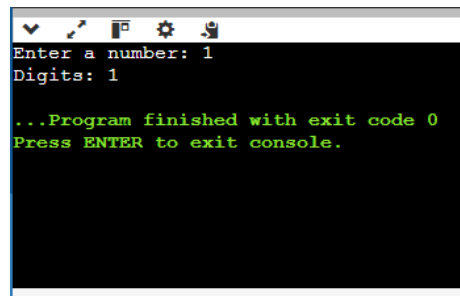


Figure 1: Enter Caption