

```
1  #include <stdio.h>
2
3  int main(void) {
4      int n, digit, count[10] = {0};
5
6      printf("Enter a number: ");
7      scanf("%d", &n);
8
9      while (n > 0) {
10         digit = n % 10;
11         count[digit]++;
12         n /= 10;
13     }
14
15     printf("Digit:\t\t");
16     for (int i = 0; i < 10; i++) {
17         printf("%d\t", i);
18     }
19     printf("\nFrequency:\t");
20     for (int i = 0; i < 10; i++) {
21         printf("%d\t", count[i]);
22     }
23
24     return 0;
25 }
```