

main.c

Output



```
1 #include <stdio.h>
2 int main() {
3     int num, temp, digit;
4     int divisor = 1;
5     printf("Enter an integer: ");
6     scanf("%d", &num);
7     temp = num;
8     while (temp / divisor >= 10) {
9         divisor *= 10;
10    }
11    printf("The digits are: ");
12    while (divisor > 0) {
13        digit = num / divisor;
14        printf("%d ", digit);
15        num %= divisor;
16        divisor /= 10;
17    }
18    printf("\n");
19    return 0;
20 }
```

Run

main.c

Output



Enter an integer: 34
The digits are: 3 4

=== Code Execution Successful ===