



```
1  #include <stdio.h>
2  int main() {
3      int num;
4
5      printf("Enter an integer: ");
6      scanf("%d", &num);
7      (num % 2 == 0)
8      ? printf("%d is an even number\n", num)
9      : printf("%d is an odd number\n", num);
10     return 0;
11 }
```

Enter an integer: 45
45 is an odd number.

=== Code Execution Successful ===