

**odd\_even.c**

```
1 #include <stdio.h>
2
3 // write a program to check whether a number is odd or even using ternary operator
4
5 // process: 1
6
7 int main() {
8     int number;
9     char* result; // to store the result string
10
11    printf("Enter an integer: ");
12    scanf("%d", &number);
13
14    // Using ternary operator to check odd or even
15    result = (number % 2 == 0) ? "Even" : "Odd";
16
17    printf("The number is: %s\n", result);
18
19    return 0;
20 }
```