| EX 6 | **PROGRAM TO CHECK WHETHER A GIVEN NUMBER IS ODD OR EVEN** |
|---|---|
| **DATE:** | |

**AIM:**

Program to check whether a given number is odd or even

**ALGORITHM:**

Step 1: Start the program

Step 2: Get the number

Step 3: Check the number if it is odd or even using if statement.

Step 4: If the number is even check the condition as n%2 ==0 else it is even.

Step 5: Display the result

Step 6: Stop the program

**PROGRAM:**

```
#include <stdio.h> int

 main()

{

int number;

printf("Enter an integer: "); scanf("%d",

&number);

// True if the number is perfectly divisible by 2 if(number % 2 == 0) printf("%d

is even.", number);
```

else

printf("%d is odd.", number); return

0;

}
**OUTPUT:**

Enter an integer: -7

-7 is odd.

Enter an integer : 8

8 is even

**RESULT**

Thus the C Program to find whether the given number is odd or even number has been successfully executed and verified