### Experiment – No-2.

|  |  |  |
| --- | --- | --- |
| Objective: Program to find weather a number is even and odd. | | |
| Scheduled Date | Compiled Date | Submission Date |
| 27-Dec-2020 | 27-Dec-2020 | 27-Dec-2020 |

### Program : A program to find weather a number is even or odd.

### Algorithm

Step 1: Start

Step 2: Declare variables Num.

Step 3: Read value of Num.

Step 4: Apply condition:

If

Num%=2

Step 5: Print number is even.

Step 6: Else

Step 7: Number is odd.

Step 8: Stop.

### Flowchart Segment:

Input

num

If

num%2==0

### true false

Display

“odd number”

Display

“Even number”

**Program**

// Program to calculate even or odd number.

#include<stdio.h>

void main()

{

    int n;

    printf("Enter the number");

    scanf("%d",&n);

    if((n % 2)==0){

        printf("This number is even");

    }

    else{

       printf("This number is odd");

    }

}

### Output Screen

PS C:\Users\WIN10\Desktop\clab> gcc evenodd.c

PS C:\Users\WIN10\Desktop\clab> ./a.exe

Enter the number6

This number is even

PS C:\Users\WIN10\Desktop\clab> gcc evenodd.c

This number is odd

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