Check Least Significant Bit

ALGORITHM:

STEP 1: Start the program

STEP 2: Print enter a number and use scanf %d and num

STEP 3: And using if and else

STEP 4: Finally return 0.

COMMANDS:

printf("Enter any number: ");

scanf("%d", &num); [// input](file:///\\input) number from user

if(num & 1) //If (num & 1) evaluates to 1

PROGRAM:

#include <stdio.h>

int main()

{

int num;

printf("Enter any number: ");

scanf("%d", &num);

if(num & 1)

printf("LSB of %d is set (1).", num);

else

printf("LSB of %d is notset (0).", num);

return 0;

}

OUTPUT:

Enter any number: 23

LSB of 23 is set (1).