/\*Program to check whether the input integer number

is even or odd using the modulus operator (%)

\*/

// Header Files

#include<stdio.h>

// Main Function

int main()

{

// This variable is to store the input number

int num;

//Output Statement (prompt)

printf("Enter an integer: ");

//Input Statement

scanf("%d",&num);

// Modulus (%) returns remainder

// True if num is perfectly divisible by 2

if ( num%2 == 0 )

printf("%d is an even number", num);

else

printf("%d is an odd number", num);

return 0;

}