Whether a number is even or odd using switch case.

ALGORITHM:

STEP 1: Start the program

STEP 2: Print Enter any number to check even or odd

STEP 3: Using switch(num % 2)

STEP 4: Finally return 0.

COMMANDS:

printf("Enter any number to check even or odd: ");

scanf("%d", &num); //Input a number from user

switch(num % 2) // switch case condition

PROGRAM:

#include <stdio.h>

int main()

{

int num;

printf("Enter any number to check even or odd: ");

scanf("%d", &num);

switch(num % 2)

{

case 0:

printf("Number is Even");

break;

case 1:

printf("Number is Odd");

break;

}

return 0;

}

OUTPUT:

Enter any number to check even or odd: 2

Number is Even