//CRN : 48954

// Fri 10am-11:59am

//Student ID: 101521804

//Name: Osilama Kadiri

namespace RandomPlay

{

internal class Program

{

static void Main(string[] args)

{

// Generate a random number between 1 and 100

int randNumber = new Random().Next(100);

int userGuess;

userGuess = randNumber;

Console.WriteLine("Guess the random number between 1 and 100:");

while (true)

{

// Read user input

string userInput = Console.ReadLine();

// Check if the input is a valid integer

if (int.TryParse(userInput, out int userGuess))

{

// Check if the guess is correct

if (userGuess == randNumber)

{

Console.WriteLine("Congratulations! You guessed the correct number.");

break; // End the game

}

else

{

Console.WriteLine("Incorrect guess. Try again!");

}

}

else

{

Console.WriteLine("Please enter a valid number:");

}

}