```
@ Develop a simple number guessing game
   public class GFG &
     Public dass static void guessing Numbergame () {
      scanner sc = new scanner (system. 9n);
       Int number = 1 + (Int) (100 * math. random(1);
        Post K = 5;
        Ind i, guess;
      System. out. pronton (" a number & choosen" + " between 1 to 100." +
                      " quess the number within 5 traile.");
       for (1=0; 1<k; 1++) &
        System. out. println (" quess the number:");
         guess = sc.next Int ();
       if (number = quess) 5
        System-out. println ("congratulation; you guessed the number."):
           break;
       4
       else if (number > guess &f i != k-1) $
        system. out. println ("The mumber is greater than" + guess):
       else it (number < guess et i!= K-1) $
       System. Out. println ("the number is less than" + guess);
      4
```

```
i6 ( i = = k) $
    System. out. println ("you have exhaused x troits.")?
p
public static void main (string[] args) &
       questing Number Game ():
```

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output:
A number 9s chosen between 1 to 100. Guess the number within 5 trails.
 quess the number :
  45
 the number is greater than 45
  East the number:
  55
  The number & greater than 55
  Guess the number:
   99
   The number be less than 99
    Guess the number:
    80
    The number is less than 80
    quess the number:
     60
     you have exhausted k traits.
     The number was 71.
```