

```

1  import java.util.Random;
2  import java.util.Scanner;
3
4  public class GuessNumberGame {
5      public static void main(String[] args) {
6
7          Random rand = new Random();
8          Scanner sc = new Scanner(System.in);
9
10         int answer = rand.nextInt(20) + 1; // สุ่มเลข 1-20
11         int guess;
12         int maxTry = 5;
13         boolean win = false;
14
15         System.out.println("I am thinking of a number between 1 and 20.");
16         System.out.println("Can you guess what it is?");
17
18         for (int i = 1; i <= maxTry; i++) {
19             System.out.print("> ");
20             guess = sc.nextInt();
21
22             if (guess < answer) {
23                 System.out.println("Your guess is low. Try again?");
24             } else if (guess > answer) {
25                 System.out.println("Your guess is high. Try again?");
26             } else {
27                 System.out.println("Congratulation! You did it.");
28                 win = true;
29                 break;
30             }
31         }
32
33         if (!win) {
34             System.out.println("Sorry. The number was " + answer + ".");
35         }
36
37         sc.close();
38     }
39 }

```