```java
1    /**
2     * @(#)Guess_number.java
3     *
4     * Guess_number application
5     *
6     * @author
7     * @version 1.00 2023/7/16
8     */
9    import java.util.Random ;
10   import java.util.Scanner ;
11
12   class Game{
13       int computer_input;
14       int user_input ;
15       int noOfGuess = 0 ;
16
17       public int getnoOfGuess(){
18           return noOfGuess ;
19       }
20       public void setnoOfGuess(int noOfGuess){
21           this.noOfGuess = noOfGuess ;
22       }
23       Game(){
24           Random random = new Random();
25           computer_input = random.nextInt(100) ;
26       }
27       public void user_input(){
28           System.out.println("Guess a number:");
29           Scanner sc = new Scanner(System.in);
30           user_input = sc.nextInt() ;
31       }
32       public boolean isCorrectNo(){
33           noOfGuess++ ;
34           if(user_input == computer_input){
35               System.out.format("You guessed right.The number is %d\nYou guessed it at %d
     attempts\n",computer_input,noOfGuess) ;
36               return true ;
37           }
38           else if(user_input > computer_input){
39               System.out.println("Too high...");
40           }
41           else if(user_input < computer_input){
42               System.out.println("Too low...");
43           }
44           return false ;
45       }
46   }
47   public class Guess_number {
48       public static void main(String[] args) {
49           Game g = new Game();
50           boolean b = false ;
51           while(!b){
52               g.user_input() ;
53               g.isCorrectNo();
54           }
55
56       }
57   }
58
```

```
--------------------Configuration: Guess_number - JDK version -19 <Default> - <Default>--------------------
Guess a number:
40
Too high...
Guess a number:
35          I
Too high...
Guess a number:
30
Too high...
Guess a number:
25
Too high...
Guess a number:
20
Too high...
Guess a number:
10
Too low...
Guess a number:
15
Too low...
Guess a number:
18
Too high...
Guess a number:
17
You guessed right.The number is 17
You guessed it at 9 attempts
Guess a number:
```

Build Output | General Output

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