

```

package A1;

/**
 *
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 */

import java.util.*;

class NumberGuess
{
    Scanner in=new Scanner(System.in);
    Random rand=new Random();
    int random=rand.nextInt(100);
    int numberGuess()
    {
        System.out.println("Key in your guess: ");
        int num=in.nextInt();
        int i=1;
        while(num!=random)
        {
            i++;
            if(num>random)
                System.out.println("Try lower");
            else if (num<random)
                System.out.println("Try higher");
            else
                return i;
            num=in.nextInt();
        }
        return i;
    }
}

public class MainNumberGuess {

    public static void main(String[] args) {

        NumberGuess obj=new NumberGuess();
        int trials=obj.numberGuess();
        System.out.println("You got it in "+trials+" trials!");
    }

}

```