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------------------------------------------------------------------------
This is the project README file. Here, you should describe your project.
Tell the reader (someone who does not know anything about this project)
all he/she needs to know. The comments should usually include at least:
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PROJECT TITLE:Six Chances
PURPOSE OF PROJECT:
VERSION or DATE:27/11/2003
HOW TO START THIS PROJECT:
AUTHORS:Wizard
USER INSTRUCTIONS:
```
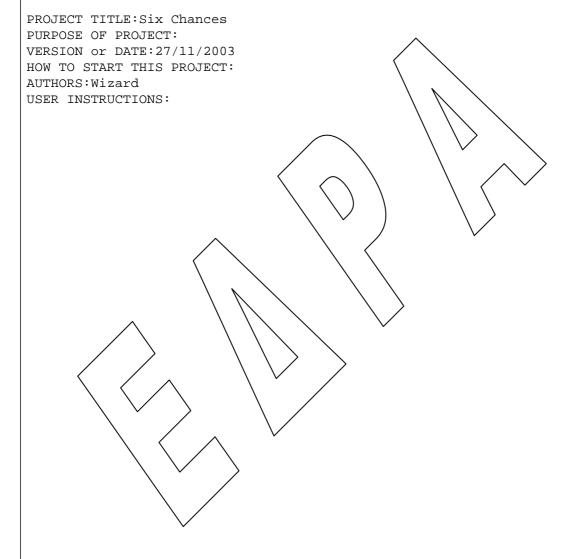
```
import java.util.Random;

public class SixChances
{
    private int secret;
    private int previous=0;
    private int noOfGuesses;
    private static Random random=new Random();
    private static int ALLOWED_GUESSES=6;

    public SixChances()
    {
        newGame();
    }
    void newGame()
    {
        secret =random.nextInt(100)+1;
        noOfGuesses=0;
        System.out.println();
        System.out.println();
        System.out.println("--------------------------------------------
------");
        System.out.println("I  have  chosen  a  new  secret  number  in
the  range [1..100].");
        System.out.println("You have 6 chances to guess it.");
        System.out.println();
        System.out.println("Use method \"guess(int)\" to enter your guess
es.");
        System.out.println();
    }
    void guess(int x)
    {
        if ((x<0)||(x>100))
            System.out.println("x must be between 0 and 100");
            else
            {
                noOfGuesses++;
                if (x<secret)
                {
                System.out.print("Guess-"+ noOfGuesses + " was wrong! The s
ecret number is GREATER than " + x + ".");
                            if (noOfGuesses<6)
                            System.out.println(" Guess again");
                            else
                            System.out.println();
                }
                else if (x>secret)
                {
                    System.out.print("Guess-"+ noOfGuesses + " was wrong! T
he secret number is SMALLER than " + x + ".");
                    if (noOfGuesses<6)
                    System.out.println(" Guess again");
                    else
```

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                        System.out.println();
                }
                else
                {
                        System.out.println();
                        System.out.println();
                        System.out.println("     *~*~*~*~*~*~*~*~*~*~*~*~*~
*~*~*~*~*~*");
                        System.out.println("     *                CORRECT!!!!
         *");
                        System.out.println("     *              YOU ARE VICTORIOU
S!!!      *");
                        System.out.println("     *~*~*~*~*~*~*~*~*~*~*~*~*~
*~*~*~*~*~*");
                        System.out.println();
                        System.out.println();
                        System.out.println(" The secret number was INDEED " +
secret);
                        System.out.println("            Try once more");
                        newGame();
                }
                if (noOfGuesses==6)
                {
                        System.out.println("     %%%%%%%%%%%%%%%%%%%%%%%%");
                        System.out.println("     %                      %");
                        System.out.println("     %    WHAT A LOOSER!!!   %");
                        System.out.println("     %                      %");
                        System.out.println("     %%%%%%%%%%%%%%%%%%%%%%%%");
                        System.out.println();
                        System.out.println();
                        System.out.println("The secret number was " + secret +
". Try to win the next game.");
                        newGame();
                }
        }
    }
    void guess1(int x)
    {
        if ((x<0)||(x>100))
        System.out.println("x must be between 0 and 100");
        else
        {
            noOfGuesses++;
            if (x==secret)
            secret=(previous+x)/2;
            if (x<secret)
            {
                System.out.print(" Guess-"+ noOfGuesses + " was wrong! Th
e secret number is GREATER than " + x + ".");
                if (noOfGuesses<6)
                System.out.println(" Guess again");
                else
                System.out.println();
```

```
            }
            else
            {
                System.out.print("Guess-"+ noOfGuesses + " was wrong! Th
e secret number is SMALLER than " + x + ".");
                if (noOfGuesses<6)
                System.out.println(" Guess again");
                else
                System.out.println();
            }
            if (noOfGuesses==6)
            {
                noOfGuesses=0;
                System.out.println("       %%%%%%%%%%%%%%%%%%%%%%%%%");
                System.out.println("       %                       %");
                System.out.println("       %    WHAT A LOOSER!!!    %");
                System.out.println("       %                       %");
                System.out.println("       %%%%%%%%%%%%%%%%%%%%%%%%%");
                System.out.println();
                System.out.println();
                System.out.println("The secret number was " + secret + "
. Try to win the next game.");
                newGame();
            }
            previous=x;
    }
    }
}
```