

```
import java.util.Scanner;

public class Hangman {

    private static String[] words = {"terminator", "banana", "computer", "cow", "rain", "water" };
    private static String word = words[(int) (Math.random() * words.length)];
    private static String asterisk = new String(new char[word.length()]).replace("\0", "*");
    private static int count = 0;

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        while (count < 7 && asterisk.contains("*")) {
            System.out.println("Guess any letter in the word");
            System.out.println(asterisk);
            String guess = sc.next();
            hang(guess);
        }
        sc.close();
    }

    public static void hang(String guess) {
        String newasterisk = "";
        for (int i = 0; i < word.length(); i++) {
            if (word.charAt(i) == guess.charAt(0)) {
                newasterisk += guess.charAt(0);
            } else if (asterisk.charAt(i) != '*') {
                newasterisk += word.charAt(i);
            } else {
                newasterisk += "*";
            }
        }

        if (asterisk.equals(newasterisk)) {
            count++;
            hangmanImage();
        } else {
            asterisk = newasterisk;
        }
        if (asterisk.equals(word)) {

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    } else {
        asterisk = newasterisk;
    }
    if (asterisk.equals(word)) {
        System.out.println("Correct! You win! The word was " + word);
    }
}

public static void hangmanImage() {
    if (count == 1) {
        System.out.println("Wrong guess, try again");
        System.out.println();
        System.out.println();
        System.out.println();
        System.out.println();
        System.out.println("  _  _ ");
        System.out.println();
    }
    if (count == 2) {
        System.out.println("Wrong guess, try again");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  _  _ ");
    }
    if (count == 3) {
        System.out.println("Wrong guess, try again");
        System.out.println("  _  _ ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  | ");
        System.out.println("  _  _ ");
    }
}

```

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Hangman - Notepad

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        System.out.println("  |  ");
    }
    if (count == 5) {
        System.out.println("Wrong guess, try again");
        System.out.println("      ");
        System.out.println("      |  ");
        System.out.println("      /  \  ");
        System.out.println("      |  ");
        System.out.println("      \  /  ");
        System.out.println("      |  ");
        System.out.println("      ");
        System.out.println("      ");
    }
    if (count == 6) {
        System.out.println("Wrong guess, try again");
        System.out.println("      ");
        System.out.println("      |  ");
        System.out.println("      /  \  ");
        System.out.println("      |  ");
        System.out.println("      \  /  ");
        System.out.println("      |  ");
        System.out.println("      ");
        System.out.println("      /  \  ");
        System.out.println("      /  \  ");
    }
    if (count == 7) {
        System.out.println("GAME OVER!");
        System.out.println("      ");
        System.out.println("      |  ");
        System.out.println("      /  \  ");
        System.out.println("      |  ");
        System.out.println("      \  /  ");
        System.out.println("      |  ");
        System.out.println("      /  \  ");
        System.out.println("      /  \  ");
        System.out.println("      /  \  ");
        System.out.println("      /  \  ");
        System.out.println("GAME OVER! The word was " + word);
    }
}
}
```

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Guess any letter in the word

^***

u

Wrong guess, try again

^***

k

Guess any letter in the word

^***


```
|      _  
|      \_/_/|  
  
|
```

Guess any letter in the word

r***

Wrong guess, try again

```
_____  
|      /  \  
|      |  |  
|      |  |
```

Guess any letter in the word

q
Wrong guess, try again

```
|      _  
|      \_/_/|  
  
|      _  
|      \_/_/|  
  
|      _  
|      \_/_/|
```

r***
j

GAME OVER! The word was rain