

```

1  import java.util.Scanner;
2  import java.util.ArrayList;
3  import java.util.Arrays;
4  import java.util.Collections;
5  import static java.lang.System.*;
6
7  public class MadLib { // THERE IS A MISTAKE IN MY CODE, FIND IT. GOOD LUCK. LOL, HAHA,
  YOLO, SMH, ETC
8
9      //Declaring vars
10     private ArrayList<String> finalSentence;//stores final sentence
11
12     /* All final does is that it prevents the variable from accidentally being changed
13     * the array of nouns/adj/and verbs is not ever going to change after it is
14     * instantized,
15     * and to protect it you can add a final to the biggining
16     * you cant add a final to finalSentence because it will change after I instantize it
17     * she doesnt expect you to knoe this, im just adding it, ( you can remove it if
18     * you want )
19     */
20     private final String[] nouns = {"dog", "pig", "chicken", "building", "car",
  "person", "place", "thing", "truck", "city", "state", "school", "student", "bird",
  "turkey", "lion", "tiger", "alligator", "elephant"};//stores all possible noun values
21     private final String[] adjectives = {"blue", "green", "orange", "fat", "skinny",
  "tall", "funny", "mad", "glad", "happy", "silly", "purple", "big", "little",
  "tiny", "huge"};//stores all possible adjective values
22     private final String[] verbs = {"run", "fly", "skip", "climb", "clean", "smell",
  "eat", "cry", "smile", "laugh", "jump", "crank", "program"};//stores all possible
  verb values
23
24     public void sentence(String statement) { // returns and replaces the string with
  the correct madlib values
25     finalSentence = new ArrayList<String>( Arrays.asList( statement.split(" ") ) );
  // splits the statements in to the words, converts to an array, then stores it
  in to final sentence ArrayList
26
27     for(int i = 0; i < finalSentence.size(); i++) { // goes trough the arrayLIst
  and checks to see if there is an #, &, or an @. if so replaces it with an
  random noun
28     if(finalSentence.get(i).equals("#") )
29     finalSentence.set( i, (nouns[ (int)( Math.random() * ( nouns.length - 1
  ) ) ] ) ); // adds a random noun
30     else if(finalSentence.get(i).equals("&") )
31     finalSentence.set( i, (adjectives[ (int)( Math.random() * (
  adjectives.length - 1 ) ) ] ) ); // adds a random adjective
32     else if(finalSentence.get(i).equals("@") )
33     finalSentence.set( i, (verbs[ (int)( Math.random() * ( verbs.length - 1
  ) ) ] ) ); // adds a random verb
34
35     }
36
37     //recreates sentence
38     statement = "";
39     for(int i = 0; i < finalSentence.size(); i++)
40     statement += finalSentence.get(i) + " ";
41
42     out.println( statement );// would like a return string so make it cleaner but
  oh welllllll
43 }

```