

Worksheet 8

Word Guessing Game

Design and code a Java 5-letter word guessing game which meets the following criteria:

- all secretWords are 5 characters in length
- a secretWord is chosen from a file or words.
- allow the user to "guess" individual letters until the word is correctly uncovered.
- limit the user to a "guessLimit" number of guesses
- announce to the user if he/she successfully guesses the secretWord
- always report the number of guesses left if the word has not been yet discovered.

Sample Session

```
Welcome to Guess the 5-Letter Word

* * * * *
Guess a letter (10 guesses left.) > p
p * * * *
Guess a letter (9 guesses left.) > y
p * * y *
Guess a letter (8 guesses left.) > s
p * * y s
Guess a letter (7 guesses left.) > l
p l * y s
Guess a letter (6 guesses left.) > e
p l * y s
Guess a letter (5 guesses left.) > t
p l * y s
Guess a letter (4 guesses left.) > a
p l a y s
Congratulations, you win!
```