**Student Name/Grade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Rubric:**

\_\_\_\_\_\_ / 15 Creates and fills array properly

\_\_\_\_\_\_ / 10 Prints the list properly

\_\_\_\_\_\_ / 10 Checks for words and prints messages properly

\_\_\_\_\_\_ / 5 Comments, variables, style

\_\_\_\_\_\_ / 10 Assignment Submitted Correctly and on time

\_\_\_\_\_\_\_50 Total

**Description:**

Lists are going to be one of the most helpful structures we use this year, so let’s get used to them a bit. We’re going to do 3 things: create and fill a list; print the elements of a list; and check if things are in the list.

* Building the list: ask the user how many elements they want in the list, and then use a loop to add elements to the list that many times. Hint: use either the .append() method or += [element] to add to it.
* Print the list: print each element of the list on a separate line. Use a loop!
* Checking: if the word “Batman” is in the list, print a congratulatory message saying the user has good taste. Otherwise, if the word “Superman” is either the first or last element, tell the user they have bad taste. Otherwise just print something else out.

For example, here’s what my program looks like:

Enter how many spaces the list should have: 5

Enter a word: First thing

Enter a word: Second thing

Enter a word: Third thing

Enter a word: Batman

Enter a word: Last thing

First thing

Second thing

Third thing

Batman

Last thing

Congratulations! Batman is a good choice

**What to do with it once you’re done (10 points)**

* Email me a copy of your list\_stuff\_lastname.py file
  + The subject line MUST be “[ICS] Week 09 LastName” so mine would be “ [ICS] Week 09 Swindle”
  + MUST be turned in by the start of class on 10/9 or it’s late.