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

**Rubric:**

\_\_\_\_\_\_ / 5 Has an array that’s at least 15 characters long

\_\_\_\_\_\_ / 10 Asks for a seed value and length

\_\_\_\_\_\_ / 20 Prints out a password of the right length at the end

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

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

\_\_\_\_\_\_\_ Total

**Description:**

Write a program called password\_lastname that creates a randomly-generated password for the user. Things you’ll need:

* An array of characters to use to make the password. You can put the characters in whatever order you want. Just make sure you have at least 15 different characters available. Remember that you can write an array like this:

Stuff = [“a”, “b”, “3”] etc.

* Ask the user for a seed value for the random number generator. It’s just so I can get the same result if I run your program twice in a row.
* Ask the user how long they want the password to be. You’ll want to use a loop to keep adding characters until you’re done.
* At the end, print out the user’s new password.

For example, my program might print out this:

Enter a seed value: 4

How long of a password do you want? 20

New Password: h2d5@ecca5$2bh#$41fd

Once you’re done with that, add comments and email it to me like usual. The subject line should be [ICS] Week 10 LastName.