**Intro Lists – Day 1 \*\* Save all your programs \*\***

1. Write programs to solve each task.

a) Create a 5-element list, initialized with asterisks and then do the following:

* print the length of the list
* change the third element to #
* print the third element in the list
* print the last element in the list

b) Create a 5-element list, initialized with zeroes and then do the following

* change the first element to 7
* change the fourth element to “dog”
* use a for loop and print the list

c) Create a list that contains the letters in the word “Minecraft”. Then use slicing to print out the word “Mine” and the word “Craft”.

d) Create two lists … one initialized with 0’s and the other initialized with 1’s. The zero\_list should have 7 elements and the one\_list should have 6 elements. What would be the output of the following commands?

* print(zero\_list + one\_list)
* print(zero\_list\*3)
* print(one\_list + zero\_list)
* print(zero\_list + [2, 2, 2])