

CMPSCI 119
LAB #12 – Monster Movies EXTRA CREDIT
Professor William T. Verts

This extra-credit assignment is worth HALF of a normal lab (5 points rather than 10). The goal is to write a simple Python program that generates titles for bad monster movies from the 1950s, such as “Revenge of the Mole People” and “Attack of the Saucer People” on one line. The general pattern of the title is:

VERB " of the " NOUN " People"

where **VERB** is one of the following (you can add your own verbs, but do not omit any of these):

Attack	Revenge	Escape
Invasion	Retreat	Return
Rise	Defeat	Subjugation

and **NOUN** is one of the following (you can add your own nouns, but do not omit any of these):

Mole	Carrot	Moon
Space	Monkey	Robot
Saucer	Alligator	Snake
Vampire	Zombie	Slime

Write a complete Python program containing a function called `Run` (with no parameters) that generates and prints on a single line a new movie title, at random, every time it is run.

To generate random numbers, you first need to include the statement `import random` at the top of your program. Then, the function `random.randrange(upperlimit)` picks an integer at random from 0 up through one less than the upper limit, and `random.choice(list)` picks and returns one item at random from the list passed in as a parameter. For example, the expression `random.randrange(5)` picks and returns an integer at random from the list of integers `[0,1,2,3,4]`, and the expression `random.choice(["frog", "toad", "dog", "cat"])` picks and returns a string at random from the list of strings.

Remember that the Python `len` function returns the length of a string, list, or tuple. For example, `len([3, 6, 2, 8])` returns the value 4.

You may use any technique that you have learned in this class so far. Be certain to write your program so that it works regardless of the number of verbs or number of nouns. I should be able to include or delete verbs and nouns without causing major changes to your program code.

As before, submit your code through the on-line form as Lab #12.