Question 1

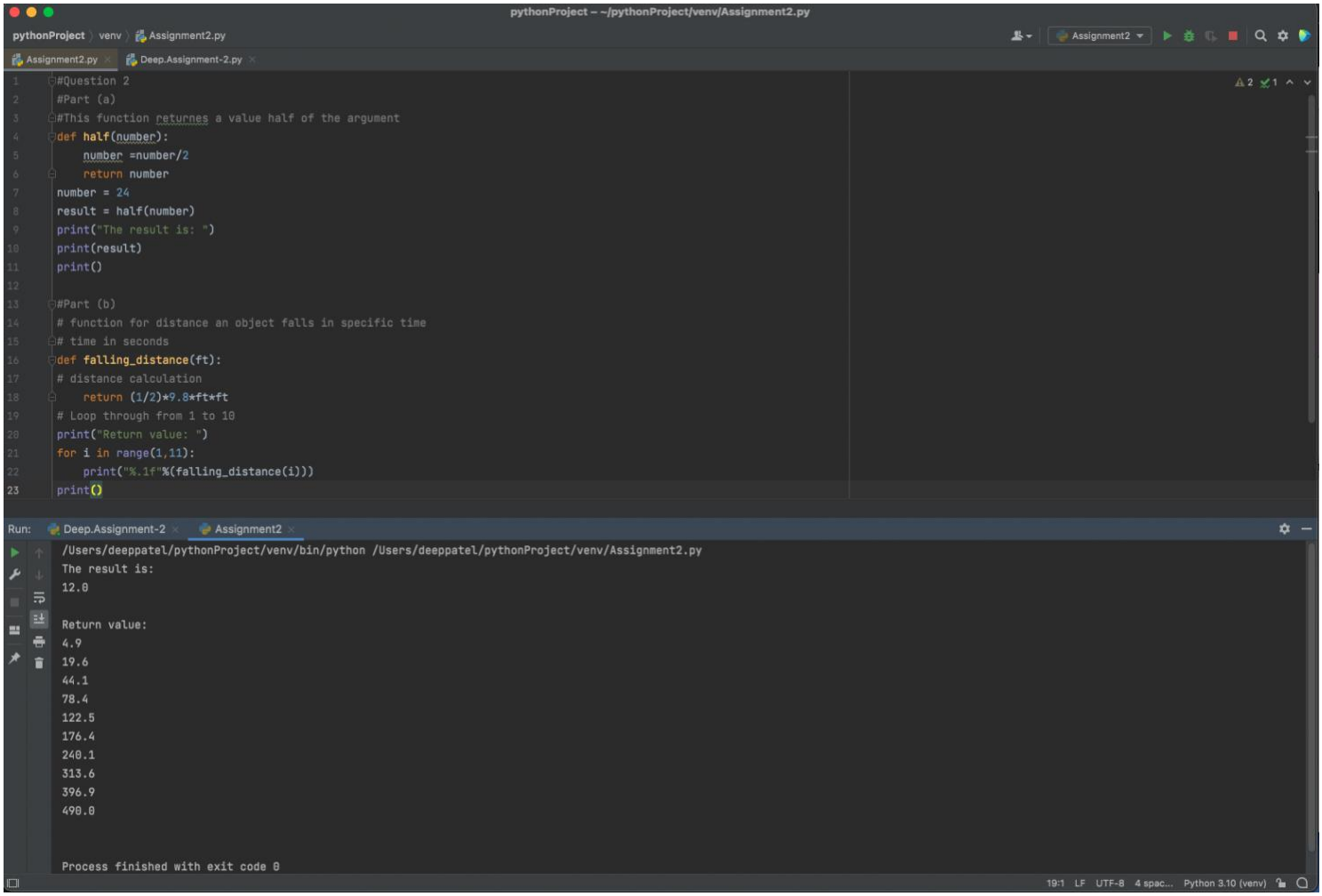
Part (a): Random module is a in-built module that generates random numbers. random.seed() uses system implemented sources of randomness. Seed initializes the number generator. For the first time is uses current system time

Part (b): credit will be given for this question

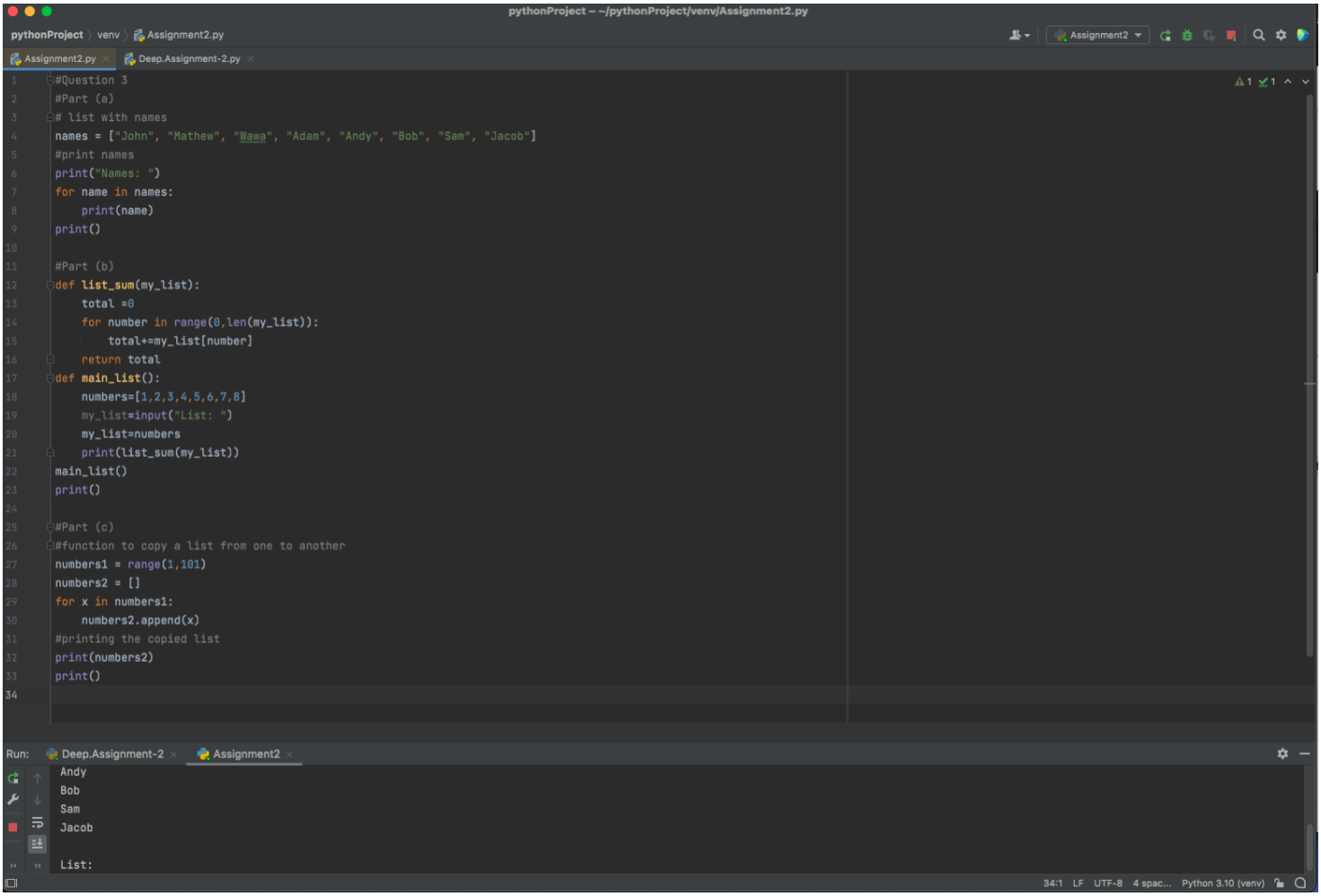
Part (c): Since we have random.uniform() in code. This code output will print a random float number between 0.1 and 0.5.

Part (d): Global constant is a constant which is needed in more than one function. Value of global constant can be used by all the functions. Global variables are variables that are declared outside of a function. Often declared at the top of the code.

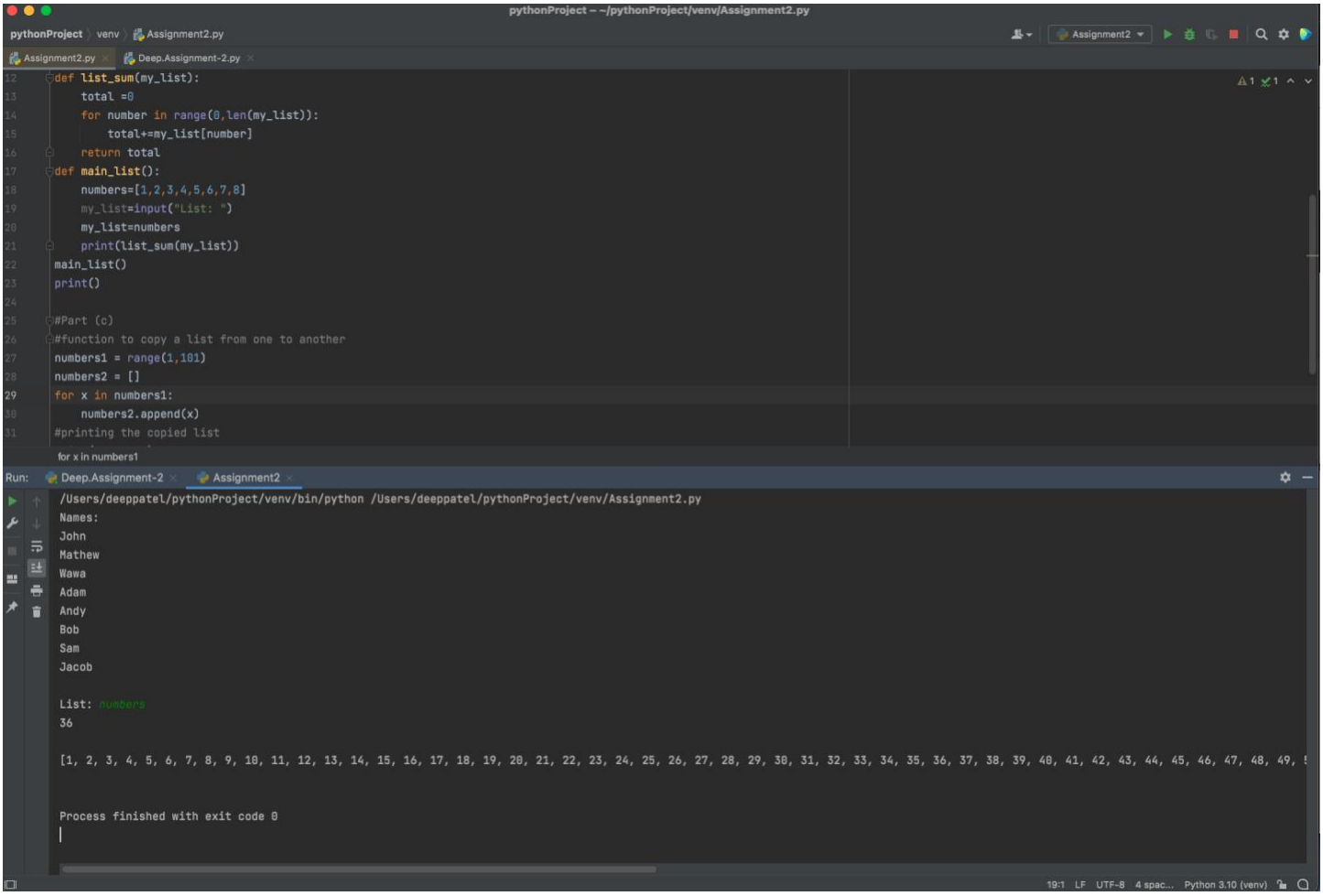
Question 2 – Code and Output



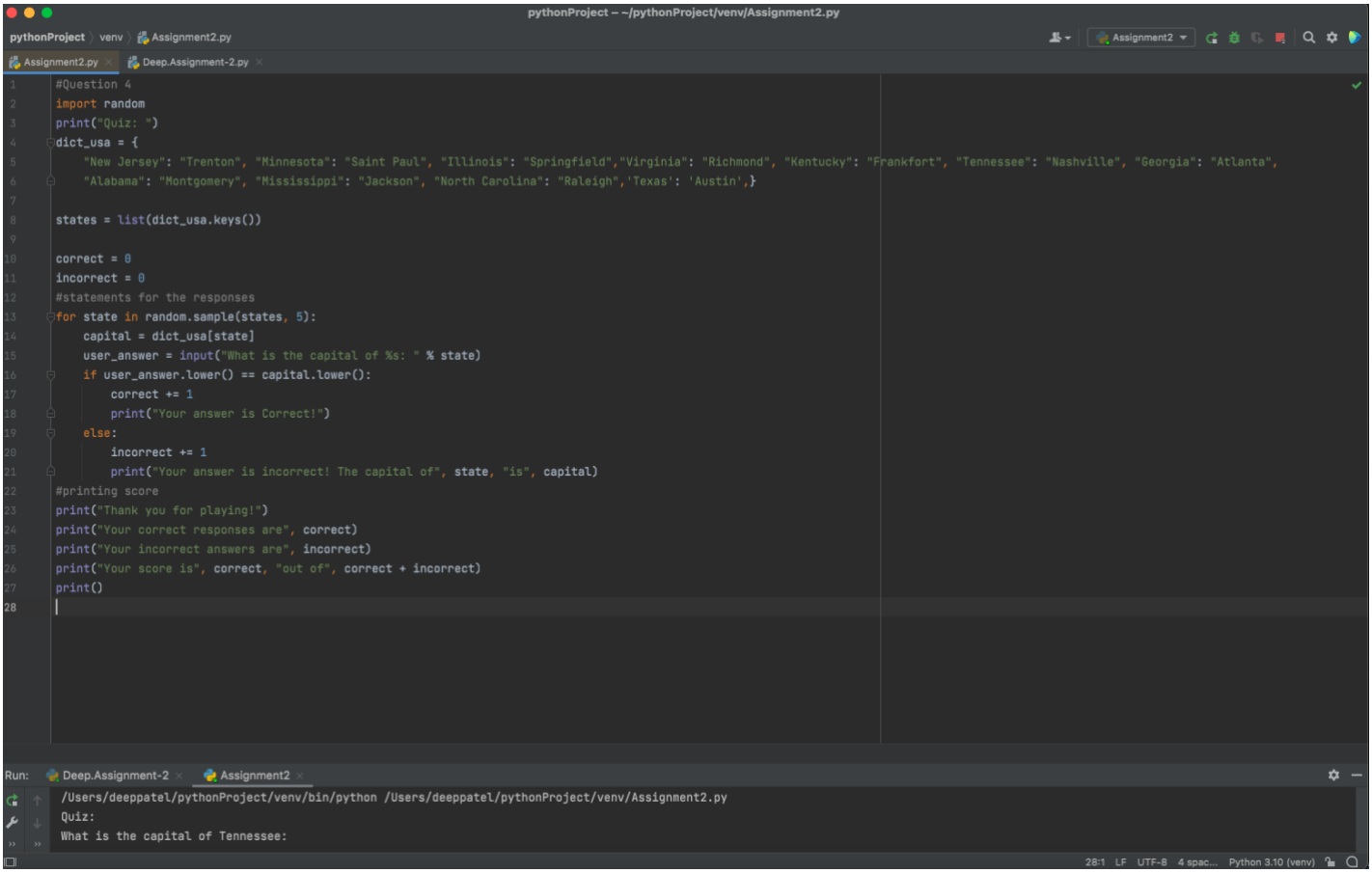
Question 3 – CODE (Output is on the picture underneath it)



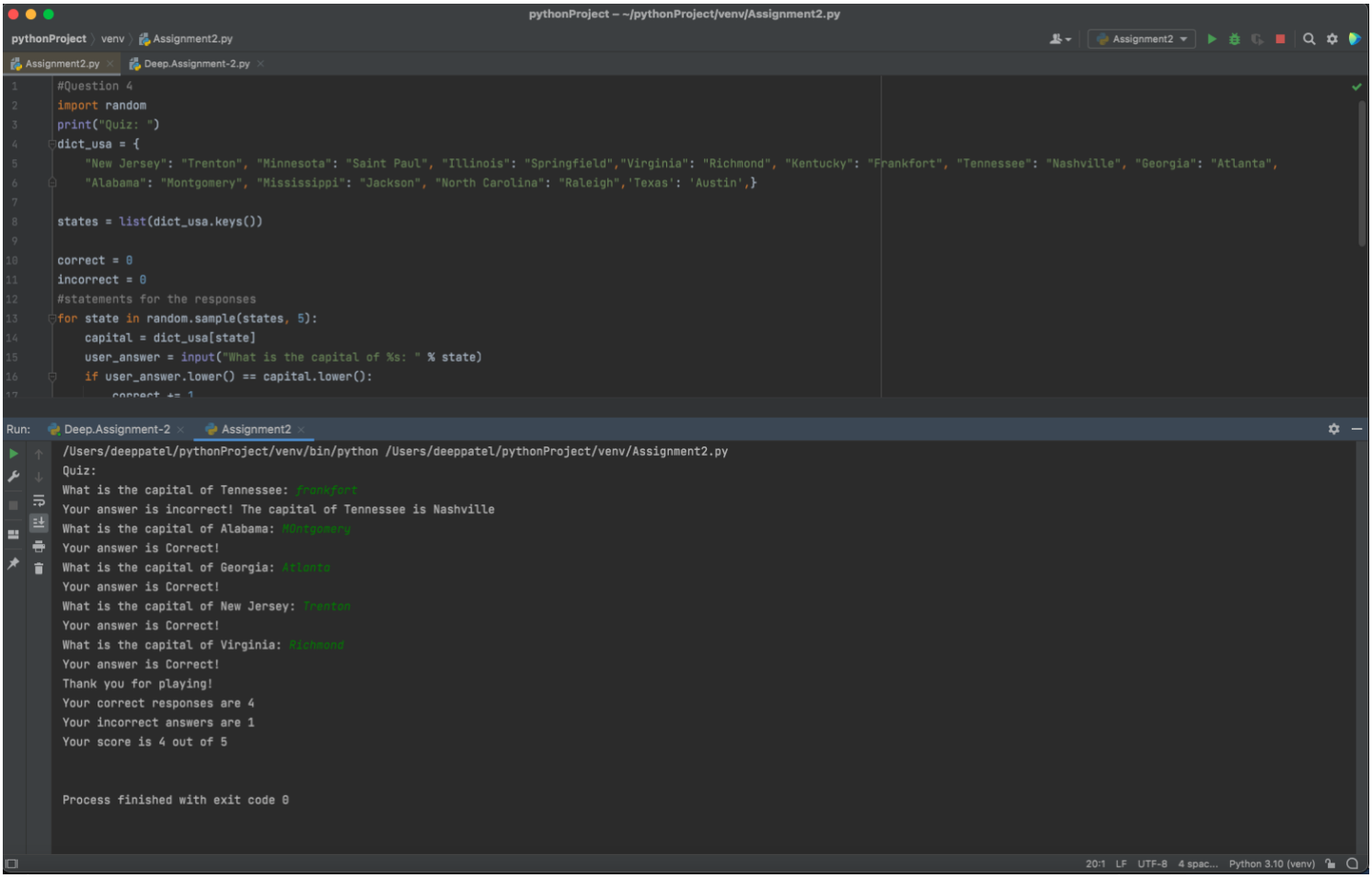
Question 3 – OUTPUT



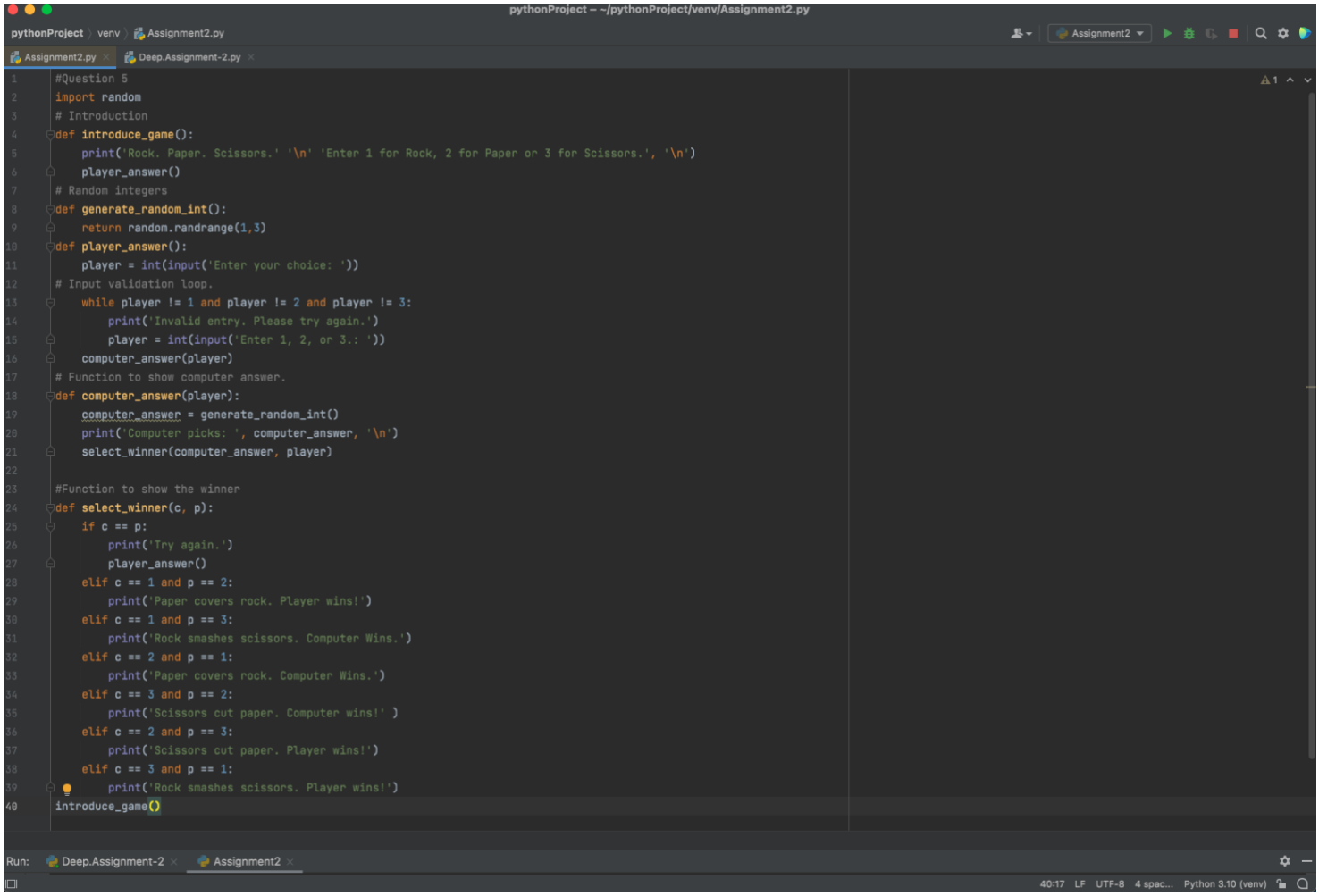
Question 4 – CODE (Output is on the picture underneath it)



Question 4 – OUTPUT



Question 5 – CODE (Output is on the picture underneath it)



Question 5 - OUTPUT