Module 7 Critical Thinking 4

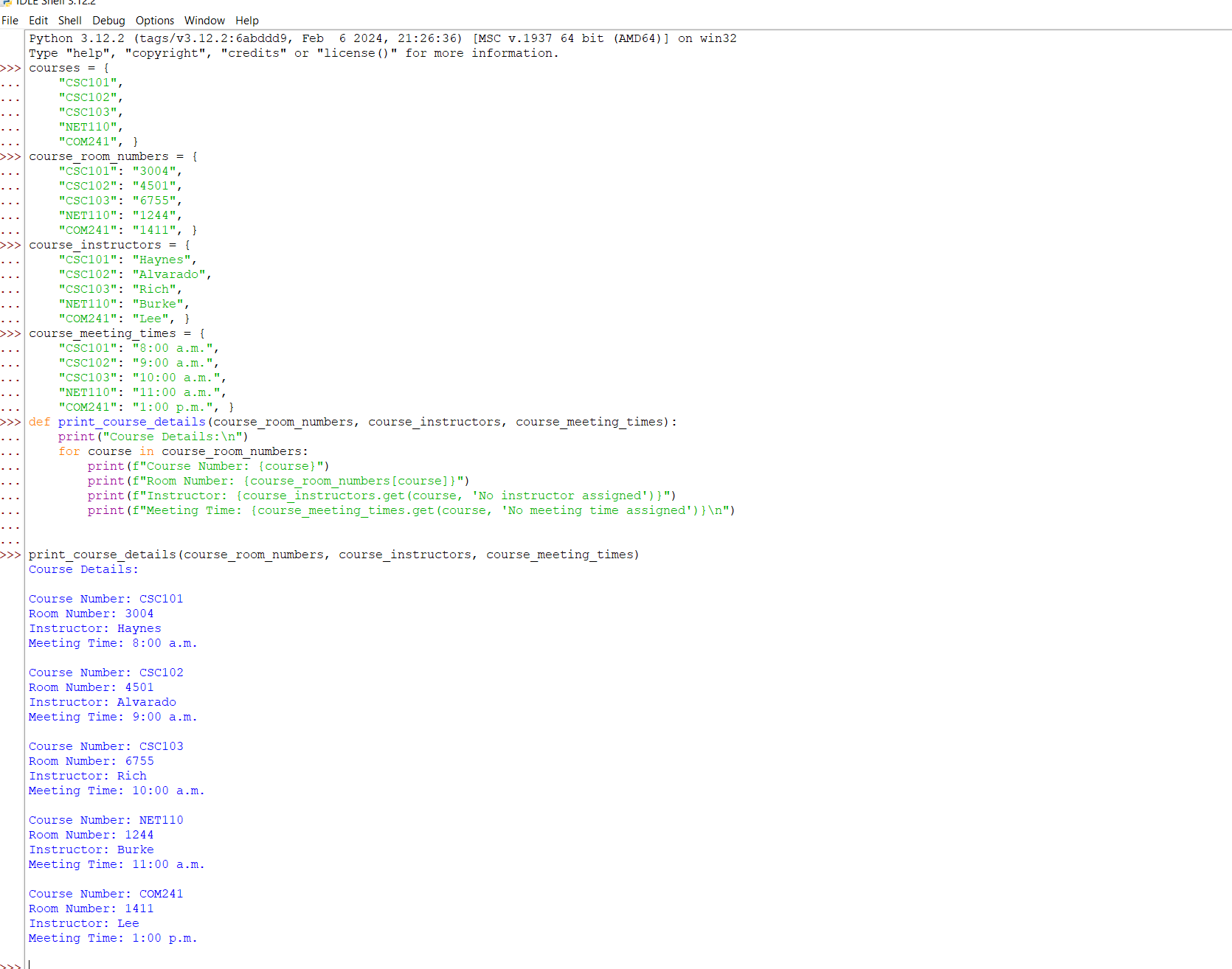
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CSC 500

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**Pseudo Code:**

**1.** Start.

**2.** Create a list named “courses” indicating every course.

**3.** Create a dictionary named “course\_room\_numbers” indicating which room number the course will be in.

**4.** Create a dictionary named “course\_meeting\_times” indicating the time that course, room number and instructor will teach at.

**5.** Create a dictionary named “course\_instructors” indicating which instructor will teach the room number and course.

**6.** Make a procedure of course details so that it will print out the course, room number, time and instructor.

**7. P**rint out the procedure to get the list.

**8.** End.

**Source Code:**

>>> courses = {

... "CSC101",

... "CSC102",

... "CSC103",

... "NET110",

... "COM241", }

>>> course\_room\_numbers = {

... "CSC101": "3004",

... "CSC102": "4501",

... "CSC103": "6755",

... "NET110": "1244",

... "COM241": "1411", }

>>> course\_instructors = {

... "CSC101": "Haynes",

... "CSC102": "Alvarado",

... "CSC103": "Rich",

... "NET110": "Burke",

... "COM241": "Lee", }

>>> course\_meeting\_times = {

... "CSC101": "8:00 a.m.",

... "CSC102": "9:00 a.m.",

... "CSC103": "10:00 a.m.",

... "NET110": "11:00 a.m.",

... "COM241": "1:00 p.m.", }

>>> def print\_course\_details(course\_room\_numbers, course\_instructors, course\_meeting\_times):

... print("Course Details:\n")

... for course in course\_room\_numbers:

... print(f"Course Number: {course}")

... print(f"Room Number: {course\_room\_numbers[course]}")

... print(f"Instructor: {course\_instructors.get(course, 'No instructor assigned')}")

... print(f"Meeting Time: {course\_meeting\_times.get(course, 'No meeting time assigned')}\n")

...

...

>>> print\_course\_details(course\_room\_numbers, course\_instructors, course\_meeting\_times)

Course Details:

**Git Repository**: https://github.com/AlexCSUGlobal/CSC500