Lab 9 – Dictionaries

1. Course information

Write a program that creates a dictionary containing course numbers and the room numbers of the rooms where the courses meet. The dictionary should have the following key-value pairs:

Course Number (key)	Room Number (value)
CS101	3004
CS102	4501
CS103	6755
NT110	1244
CM241	1411

The program should also create a dictionary containing course numbers and the names of the instructors that teach each course. The dictionary should have the following key-value pairs:

Course Number (key)	Instructor (value)
CS101	Haynes
CS102	Alvarado
CS103	Rich
NT110	Burke
CM241	Lee

The program should also create a dictionary containing course numbers and the meeting times of each course. The dictionary should have the following key-value pairs:

Course Number (key)	Meeting Time (value)
CS101	8:00 a.m.
CS102	9:00 a.m.
CS103	10:00 a.m.
NT110	11:00 a.m.
CM241	1:00 p.m.

The program should let the user enter a course number, then it should display the course's room number, instructor, and meeting time.

If the course is not in the dictionary, a message should be displayed. The program should contain a loop which continues to ask for course number until the user chooses to quit.

Sample Dialog:

```
Enter a course number or press enter to stop: absdfs
absdfs is an invalid course number.
Enter a course number or press enter to stop: CS101
The details for course CS101 are:
Room: 3004
Instructor: Haynes
Time: 8:00 am
Enter a course number or press enter to stop:
>>>
```

Your programs should conform to the Programming Style Requirements as listed in Blackboard under Lab Assignments.   You should have 1 .py file to turn in.