

CMSY 156 – Lab 8

60 Points

Problem: CourseInfo

Write a program that lets the user enter a course number (prompt) and then looks up and displays: the course number, the course room number, the course instructor, and the course meeting time. You must use the dictionary's `get()` method to retrieve the data from the dictionary. If the course number is invalid a message stating Course not found should be displayed. **See the rubric on the assignment page for specific grading criteria.**

Create three dictionaries to store the course information. Each dictionary will use the same keys:

- One to contain course numbers and the room numbers 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

- One to contain 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

- One to contain 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	8:00am
CS102	9:00am
CS103	10:00am
NT110	11:00am
CM241	11:00pm

Example 1 – Valid Course

```
Courses:  CS101  CS102  CS103  NT110  CM241
```

```
Enter a course number to display: NT110
```

```
NT110:
```

```
Room      : 1244
```

```
Instructor : Burke
```

```
Time      : 11:00am
```

Example 2 – Invalid Course

```
Courses:  CS101  CS102  CS103  NT110  CM241
```

```
Enter a course number to display: CMSY156
```

```
CMSY156: not found
```