

09.3 - Course Info

Write a function named `get_course_data` that creates and returns a nested dictionary containing the course information shown in Table 1. The outer dictionary should have a key for each course number. The values associated with each course number in the outer dictionary should be an inner dictionary with the keys: `room`, `instructor`, and `time`, and with values as listed in the table.

Number	Room	Instructor	Time
CS101	1461	Django	9:00 a.m.
CS102	4815	Idle	11:00 a.m.
CS103	3634	Rich	10:00 a.m.
NT110	1188	Marshal	2:00 p.m.
CM241	2451	Pickle	12:00 p.m.

Table 1: Fake course data.

Next write the program's main function so that it lets the user enter a course number, and then displays that course's instructor, room number, and meeting time. If the course number entered is not in the dictionary, the program should report it as an invalid course number.

Test your program with 'CS103' and 'CS201'. Format your program to match the sample output below. Your output should exactly match the sample output, character for character, including all white space and punctuation. User input in the sample has been highlighted in **Pappy's Purple** to distinguish it from the program's output, but your user input does not need to be colored. Save your program as `course_info_login.py`, where `login` is your Purdue login. Then submit it along with a screenshot that captures **both** of the test cases.

Terminal

```
$ python course_info_login.py
Enter a course number: CS103
The details for course CS103 are:
    Instructor: Rich
    Room: 3634
    Time: 10:00 a.m.
$ python course_info_login.py
Enter a course number: CS201
CS201 is an invalid course number.
```