

File Edit Selection View Go Run Terminal Help

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EXPLORER

- 250240123012
 - Q3.1.py
 - Question-1(MySQL).txt
 - Question-2(MySQL).doc
 - Question-3.1(Python).txt

Q3.1.py

```
1
2 courses = {}
3
4 def add_course(courses):
5     course_name = input("Enter the course name: ").strip()
6     duration = int(input("Enter the duration (in hours): "))
7     capacity = int(input("Enter the capacity: "))
8     courses[course_name] = (duration, capacity)
9     print(f"Course '{course_name}' added successfully.")
10
11 def capacity_greater(courses):
12     print("Courses with capacity greater than 150: ")
13     for course, (duration, capacity) in courses.items():
14         if capacity > 150:
15             print(f"Course: {course}, Duration: {duration} hours, Capacity: {capacity}")
16
17 def main():
18     while True:
19         print("\nMenu:")
20         print("1. Add new course")
21         print("2. Display all courses with capacity > 150")
22         print("3. Exit")
23         choice = input("Enter your choice (1-3): ")
24
25         if choice == '1':
26             add_course(courses)
27
28         elif choice == '2':
29             capacity_greater(courses)
30
31         elif choice == '3':
32             print("Exiting the program.")
33             break
34         else:
35             print("Invalid choice. Please try again.")
36
37 if __name__ == "__main__":
38     main()
```

Q3.2.py

Q3.1.py > main

Ln 31, Col 28 Spaces: 4 UTF-8 CRLF (Python) Signed out 3.13.2 64-bit



