



EXPLORER

OPEN EDITORS

grade_checker.py

student_grades.py

files_practice.py

another_file.py

example.txt

TUTEDUDE A2

another_file.py

example.txt

files_practice.py

grade_checker.py

student_grades.py

tempCodeRunnerFile.py

student_grades.py > ...

```
1 student_grades = {}
2 while True:
3     print("\n--- Menu ---")
4     print("1. Add Student")
5     print("2. Update Grade")
6     print("3. View All Grades")
7     print("4. Exit")
8     choice = input("Enter your choice (1-4): ")
9     if choice == '1':
10         name = input("Enter student name: ")
11         grade = input("Enter student grade: ")
12         student_grades[name] = grade
13         print("Successfully added:", name)
14     elif choice == '2':
15         name = input("Enter name to update: ")
16         if name in student_grades:
17             new_grade = input("Enter new grade: ")
18             student_grades[name] = new_grade
19             print("Grade updated for:", name)
20         else:
21             print("Student not found.")
22     elif choice == '3':
23         print("\n--- Student Records ---")
24         print(student_grades)
25     elif choice == '4':
26         print("Exiting program.")
27         break
28     else:
29         print("Invalid choice. Please try again.")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Code - tutedude_a2

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4. Exit

Enter your choice (1-4): 1

Enter student name: irfan

Enter student grade: B

Successfully added: irfan

Menu ---

1. Add Student

2. Update Grade

3. View All Grades

4. Exit

Enter your choice (1-4):

> OUTLINE

> TIMELINE

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grade_checker.py

student_grades.py

files_practice.py X

another_file.py

example.txt

files_practice.py > ...

1 file = open("example.txt", "w")
2 file.write("Hello! This is a test file.\n")
3 file.write("We are learning file handling in Python.")
4 file.close()
5 print("File created and written successfully.")
6

PROBLEMS

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Code - tutedude_a2

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PS Microsoft.PowerShell.Core\FileSystem::\\wsl.localhost\Ubuntu\home\patha\tutedude_a2> python -u "\\wsl.localhost\Ubuntu\home\patha\tutedude_a2\files_practice.py"

File created and written successfully.

○ PS Microsoft.PowerShell.Core\FileSystem::\\wsl.localhost\Ubuntu\home\patha\tutedude_a2>

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example.txt

```
1  try:
2      file = open("example.txt", "r")
3      content = file.read()
4      print("--- File Content ---")
5      print(content)
6      file.close()
7  except FileNotFoundError:
8      print(["Error: The file 'example.txt' was not found. Please run script #3 first."])
```

PROBLEMS

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Code - tutedude_a2

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```
PS Microsoft.PowerShell.Core\FileSystem::\\wsl.localhost\Ubuntu\home\patha\tutedude_a2> python -u "\\wsl.localhost\Ubuntu\home\patha\tutedude_a2\another_file.py"
--- File Content ---
Hello! This is a test file.
We are learning file handling in Python.
PS Microsoft.PowerShell.Core\FileSystem::\\wsl.localhost\Ubuntu\home\patha\tutedude_a2> 
```

```
patha@irfan:~/tutedude_a2$ python3 grade_checker.py
Enter the marks: 90
Grade A
patha@irfan:~/tutedude_a2$ python3 student_grades.py

--- Menu ---
1. Add Student
2. Update Grade
3. View All Grades
4. Exit
Enter your choice (1-4): 1
Enter student name: irfan khan
Enter student grade: A
Successfully added: irfan khan

--- Menu ---
1. Add Student
2. Update Grade
3. View All Grades
4. Exit
Enter your choice (1-4): 2
Enter name to update: pathan irfan khan
Student not found.

--- Menu ---
1. Add Student
2. Update Grade
3. View All Grades
4. Exit
Enter your choice (1-4): 4
Exiting program.
patha@irfan:~/tutedude_a2$ python3 files_practice.py
File created and written successfully.
patha@irfan:~/tutedude_a2$ python3 another_file.py
--- File Content ---
Hello! This is a test file.
We are learning file handling in Python.
patha@irfan:~/tutedude_a2$ █
```