File Edit Selection View Go Run Terminal Help

python

Welcome | assignmemt question 1.py | Assignment question 2.py | assignment question 3.py | assignment questyion 4.py | assignment question 5.py | import string.py

assignmemt question 1.py > ...

```python

# Open and read the CSV file
with open("marks.csv", "r") as file:
    reader = csv.reader(file)
    next(reader)  # skip header line

    for row in reader:
        roll_no, name, subject, marks = row
        marks = int(marks)

        if subject not in good_students:
            # First entry for this subject
            good_students[subject] = {"marks": marks, "students": [name]}
        else:
            # Compare with existing top marks
            if marks > good_students[subject]["marks"]:
                good_students[subject]["marks"] = marks
                good_students[subject]["students"] = [name]
            elif marks == good_students[subject]["marks"]:
                good_students[subject]["students"].append(name)

# Print results
for subject in good_students:
    students = ", ".join(good_students[subject]["students"])
    marks = good_students[subject]["marks"]
    print(f"Subject: {subject} → {students} ({marks})")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Pc\python> & C:/Users/Pc/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Pc/python/assignmemt question 1.py"
Subject: Math → Charlie, Frank (92)
Subject: Science → Bob, Eva (88)
Subject: English → Grace (90)
PS C:\Users\Pc\python>
```

powershell
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python > Assignment question 2.py > ...

```python


import string
from collections import Counter

with open("story.txt") as f:
    text = f.read().lower()

for ch in string.punctuation:
    text = text.replace(ch, " ")

words = text.split()
counts = Counter(words)

n = int(input("Enter minimum frequency: "))
for word, freq in counts.most_common():
    if freq >= n:
        print(f"{word} → {freq}")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Pc\python> & C:/Users/Pc/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Pc/python/python/Assignment question 2.py"
Enter minimum frequency: 4
python → 9
is → 5
and → 4
PS C:\Users\Pc\python>
```

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python

Welcome | assignmemt question 1.py | Assignment question 2.py | assignment question 3.py | assignment questyion 4.py | assignment question 5.py | import string.py

python > assignment question 3.py > ...

```python
archive = {"Python": 2, "AI": 1, "Math": 3}

book = input("Enter book name: ")
if book in archive and archive[book] > 0:
    archive[book] = 1
    print(f"'{book}' issued successfully.")
elif book in archive:
    print("Sorry, out of stock.")
else:
    print("Book not found.")

with open("library.txt", "w") as f:
    for b, q in archive.items():
        f.write(f"{b},{q}\n")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Pc\python> & C:/Users/Pc/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Pc/python/python/assignment question 3.py"
Enter book name: Python
'Python' issued successfully.
PS C:\Users\Pc\python>
```

powershell
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python

Welcome | assignmemt question 1.py | Assignment question 2.py | assignment question 3.py | assignment questyion 4.py | assignment question 5.py | import string.py

python > assignment questyion 4.py > ...

```python


num = input("Enter numbers: ").split()
sole = []

for n in num:
    if n not in sole:
        sole.append(n)

sole = [int(x) for x in sole]

count = len(sole)
s = sum(sole)
avg = s / count if count else 0

print("Unique numbers:", set(sole))
print(f"Count={count}, Sum={s}, Avg={avg}, Max={max(sole)}, Min={min(sole)}")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Pc\python> & C:/Users/Pc/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Pc/python/python/assignment questyion 4.py"
Enter numbers: 45
Unique numbers: {45}
Count=1, Sum=45, Avg=45.0, Max=45, Min=45
PS C:\Users\Pc\python>
```

powershell
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python

Welcome | assignmemt question 1.py | Assignment question 2.py | assignment question 3.py | assignment questyion 4.py | assignment question 5.py | import string.py

python > assignment question 5.py > ...

```python


master = {"101", "102", "103", "104"}

with open("attendance.txt") as f:
    present = {line.strip() for line in f}

absent = master - present

print("Present:", present)
print("Absent:", absent)

with open("absent.txt", "w") as f:
    for roll in absent:
        f.write(roll + "\n")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Pc\python> & C:/Users/Pc/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Pc/python/python/assignment question 5.py"
Present: {'107', '110', '103', '105', '101'}
Absent: {'104', '102'}
PS C:\Users\Pc\python>
```

powershell
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