AI ASSISTED CODING

LAB-EXAM:1

2403A51271

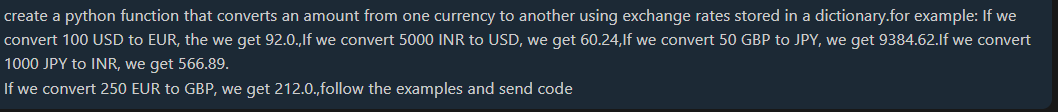
BATCH 12

Q1:

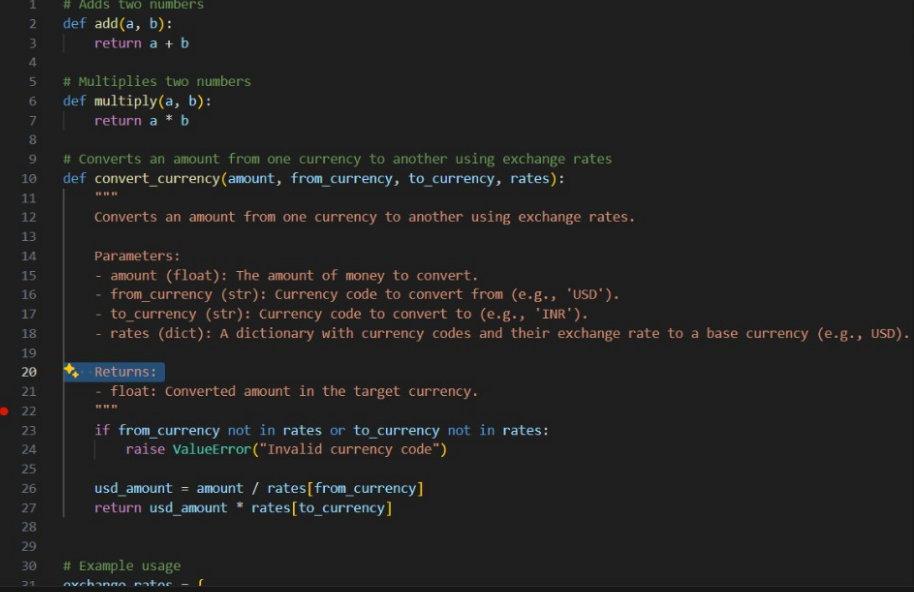
1. Create a Python function that converts an amount from one currency to another using exchange rates stored in a dictionary. Use GitHub Copilot along with VS Code. Use Few shot prompting.

Few-short Prompt:

Prompt:



Code:





OUTPUT:

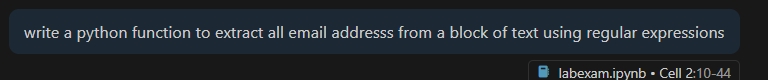


Q2:

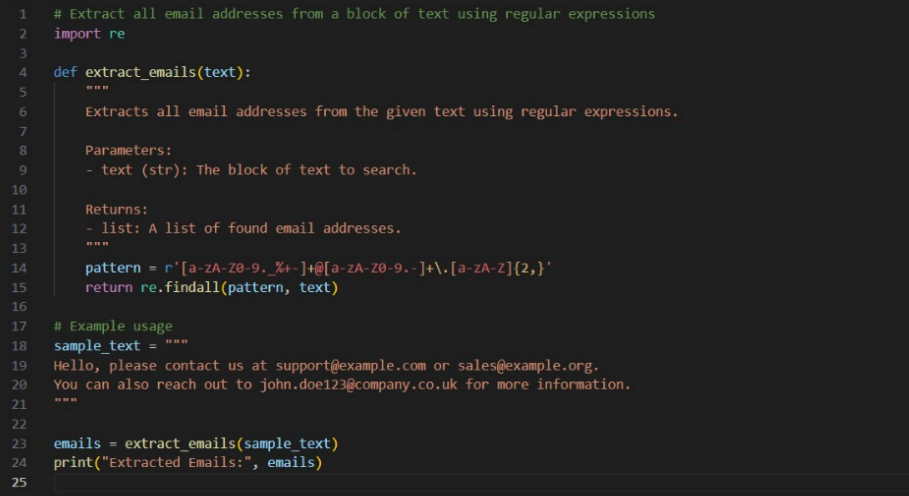
2. Write a Python program to extract all email addresses from a block of text using regular expressions. GitHub Copilot along with VS Code. Use zero shot prompting.

Zero-Short Prompting:

Prompt:



Code:



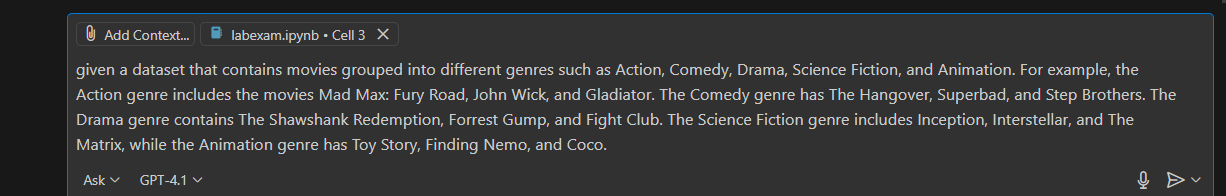
OUTPUT:

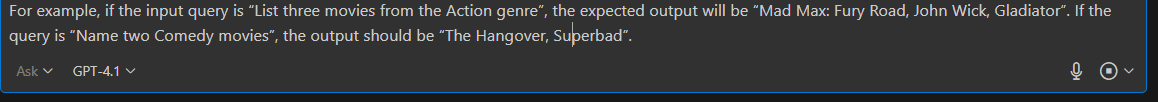


Q3:

3. Given a list of movies with their genres, Write a Python function that recommends movies based on a user's preferred genre. Use the Cursor Al tool. Use few shot prompting.

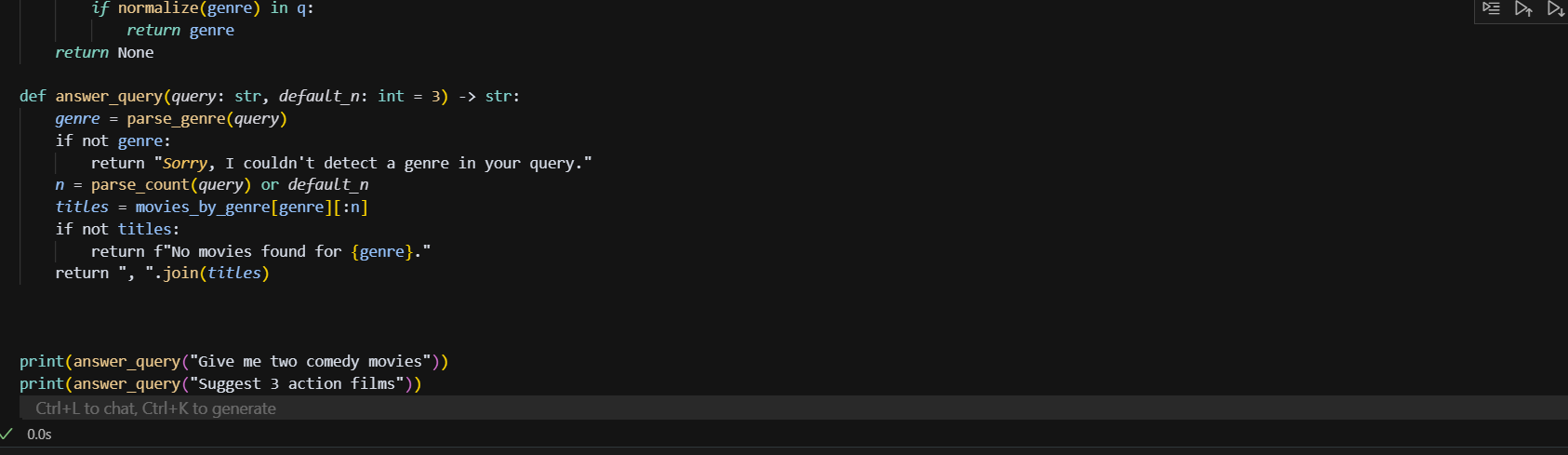
Prompt:



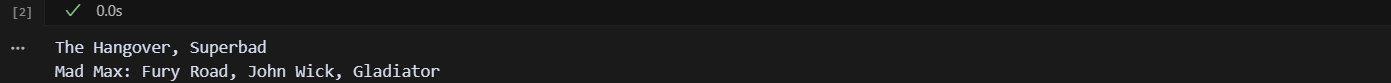


Code:





Output:

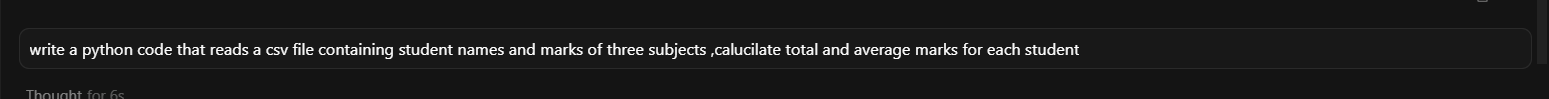


Q4:

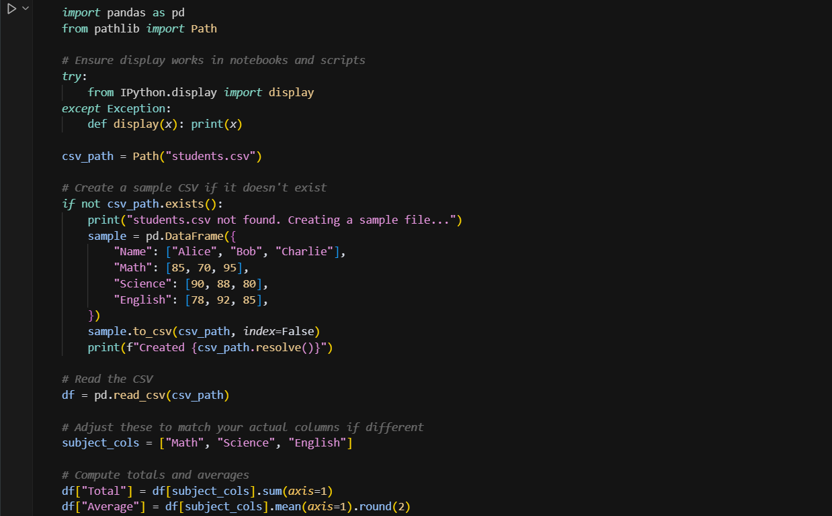
Write Python code that reads a CSV file containing student names and marks in 3 subjects.

Calculate the total and average marks for each student. Use the Cursor AI tool.

Prompt:



Code:





OUTPUT:

