LAB EXAM-2

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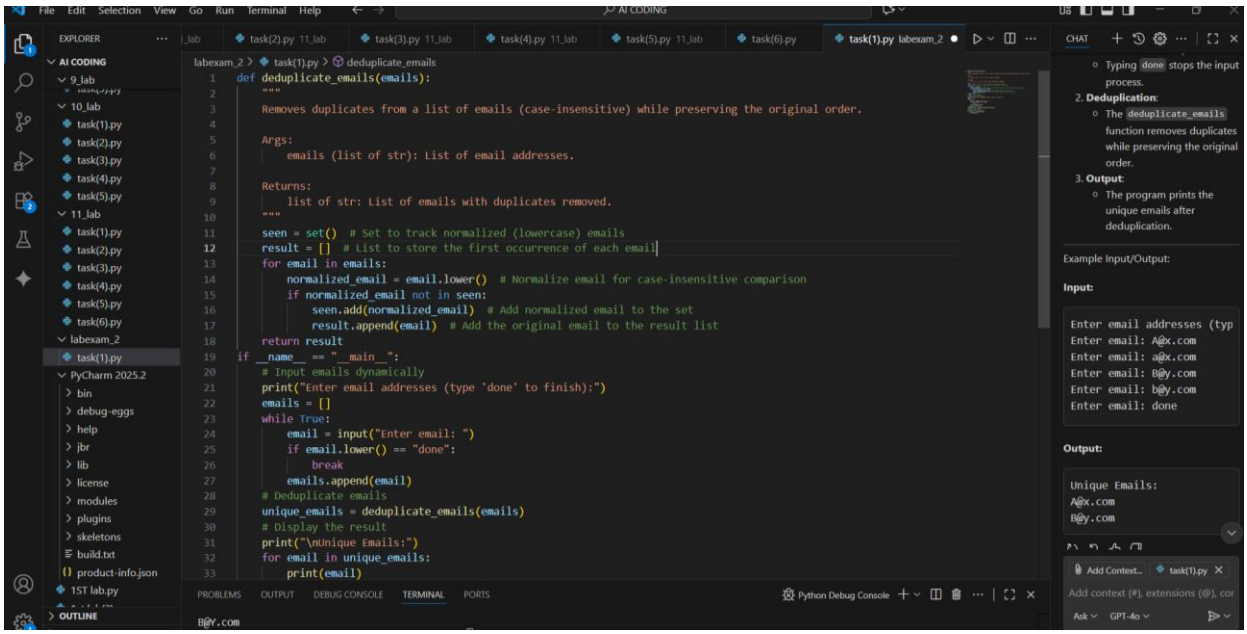
Subgroup-C

Task -1

Prompt:

given a list of customer emails from a telecom system. Sometimes the same email appears more than once, but with different letter case (for example, A@x.com and a@x.com). Now Removes duplicates case-insensitively (treat A@x.com and a@x.com as the same). Keeps the first occurrence of each email in the list. Preserve the original order and the original case of the first appearance. I want to give input dynamically

Code:



OP:

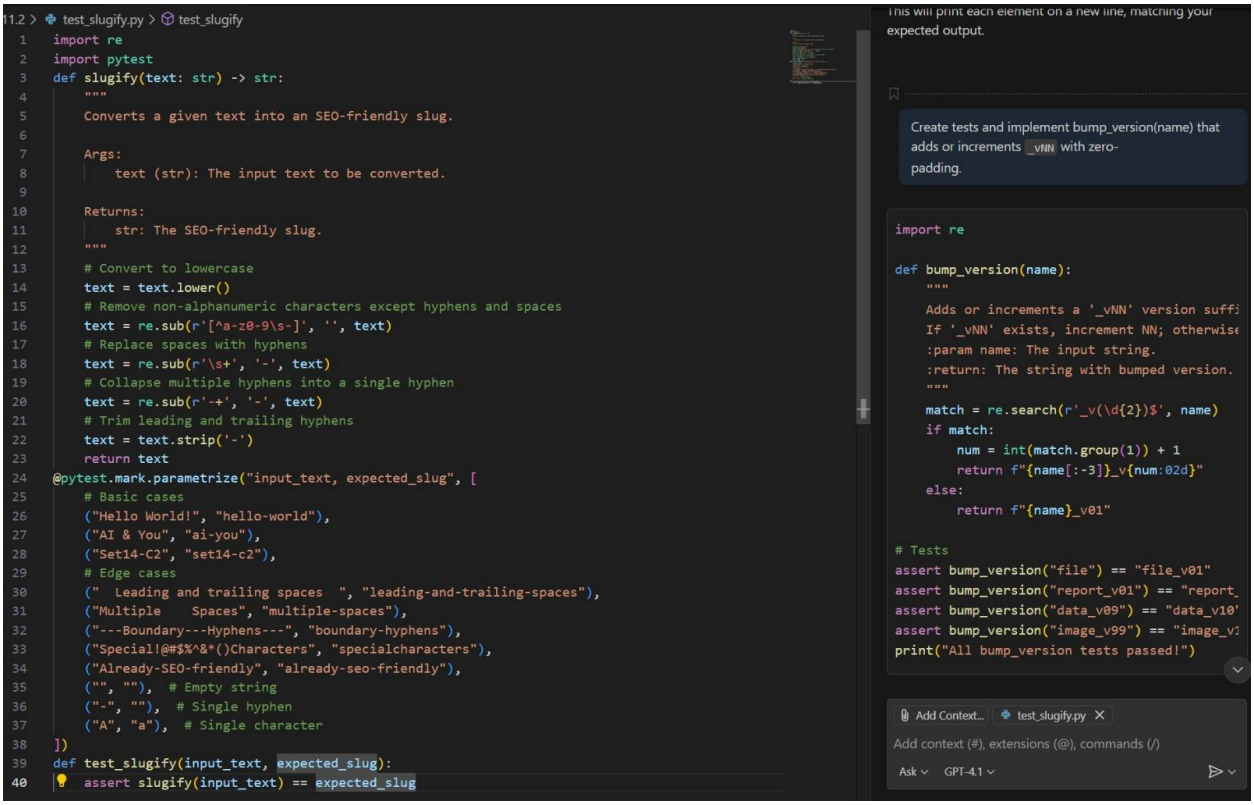
Observation: Emails are compared in lowercase so different letter cases count as the same, while the original text is kept in the result. Only the first time an address shows up is kept, and everything stays in the original order. A quick check is used to see if an address was already recorded.

Task-2

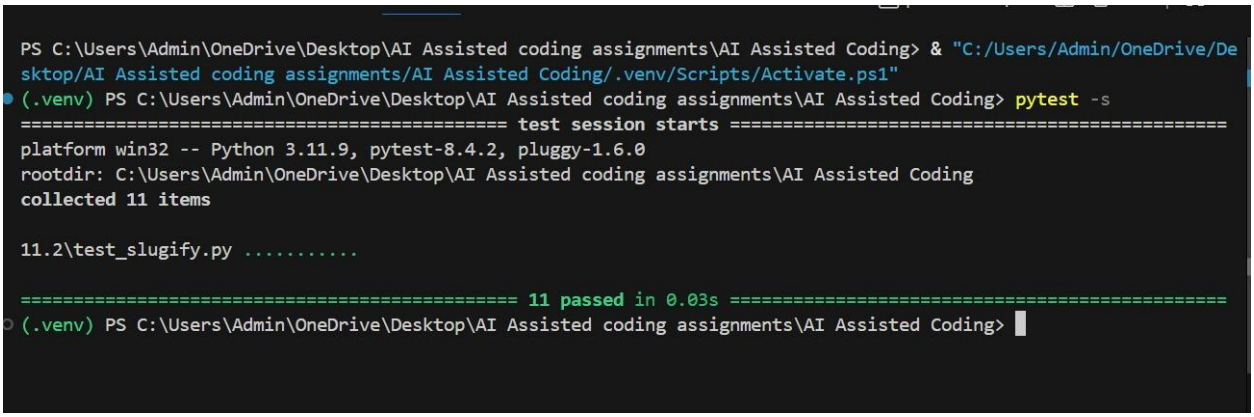
Prompt: write a function slugify(text) that converts all letters to lowercase, replace spaces with -, removes all characters except

letters, numbers, and -, collapses multiple - into a single -, removes any leading or trailing -.

Code:



OP:



Observation:

This code turns any piece of text into a simple web-friendly version by making everything small letters and swapping spaces with dashes. It takes out special symbols so only plain letters, numbers, and dashes remain. Even if the input has extra spaces or lots of dashes together, it removes them so just single dashes are used. The checks make sure the original order is kept and test whether different examples work as intended, like handling empty text, single letters, or titles with unusual characters