# AI Assisted Coding – Assignment 7.1 – 1

# Lab 7: Error Debugging with AI – Systematic Approaches to Finding and Fixing Bugs

## Course Code - 24CS002PC215

## Course Title - AI Assisted Coding

## Year / Sem - II / I (2 – 1)

## Regulation - R24

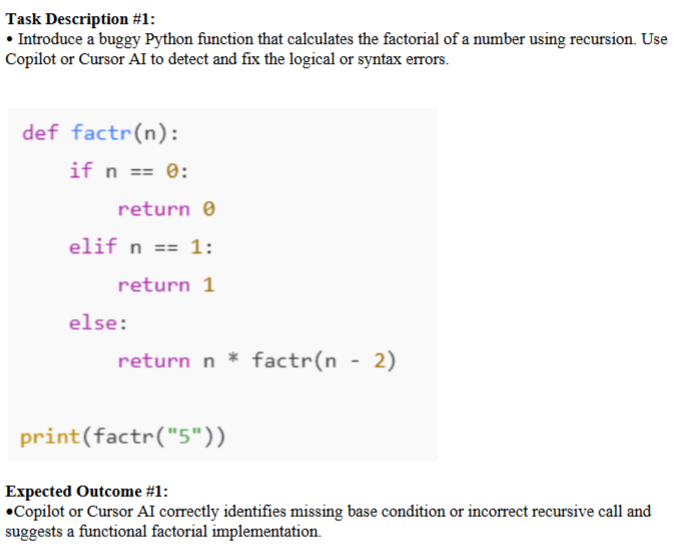
## Date: 29-08-2025

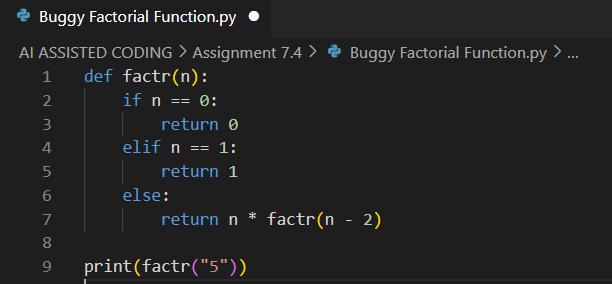
## Student Name: G.Sanjansah

## Hall Ticket Number: 2503a52l20

## Student Mail-ID : [2503a52l20@sru.edu.in](mailto:2503a52l20@sru.edu.in)

Task 1 : Buggy Factorial Function.py



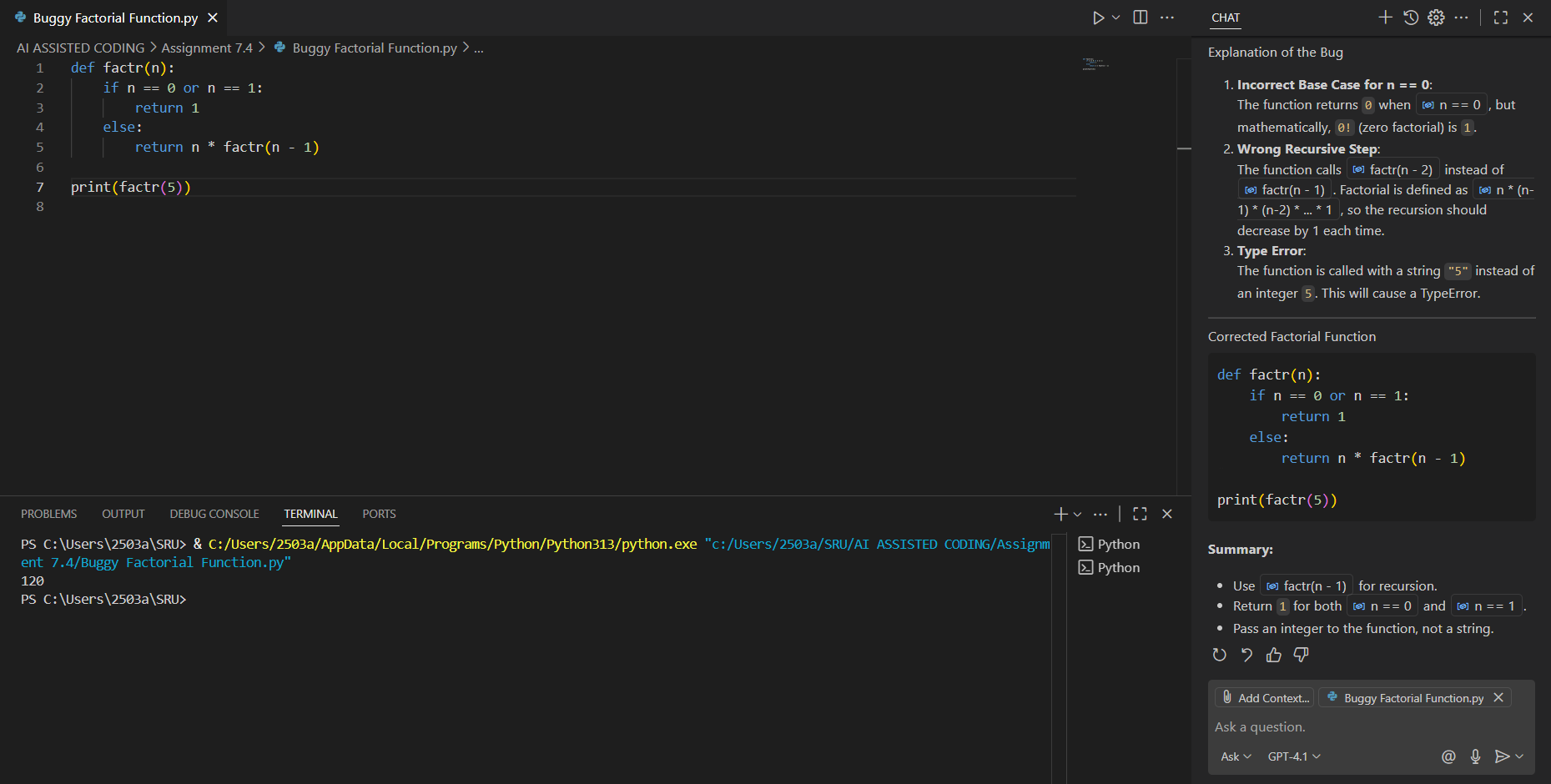


A screenshot of a computer program

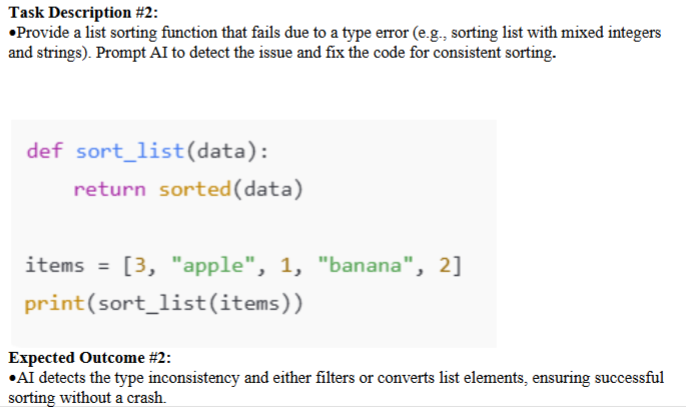
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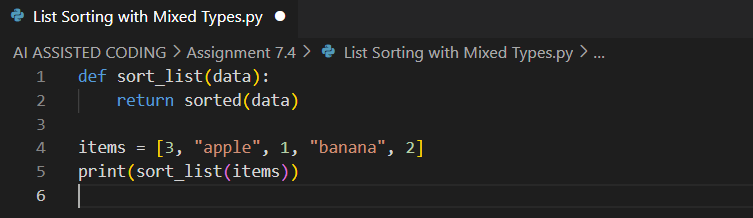
A black background with white text

AI-generated content may be incorrect.



Task – 2 : List Sorting with Mixed Types





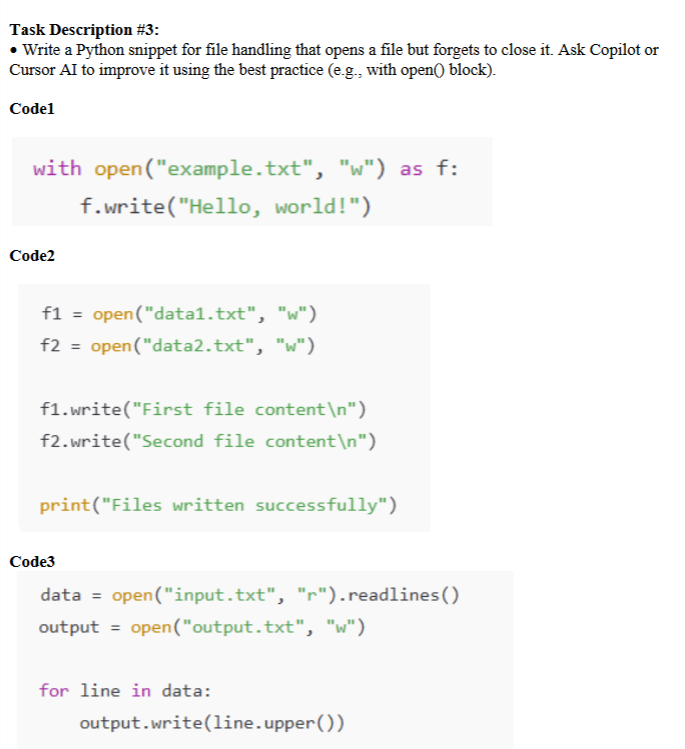
A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

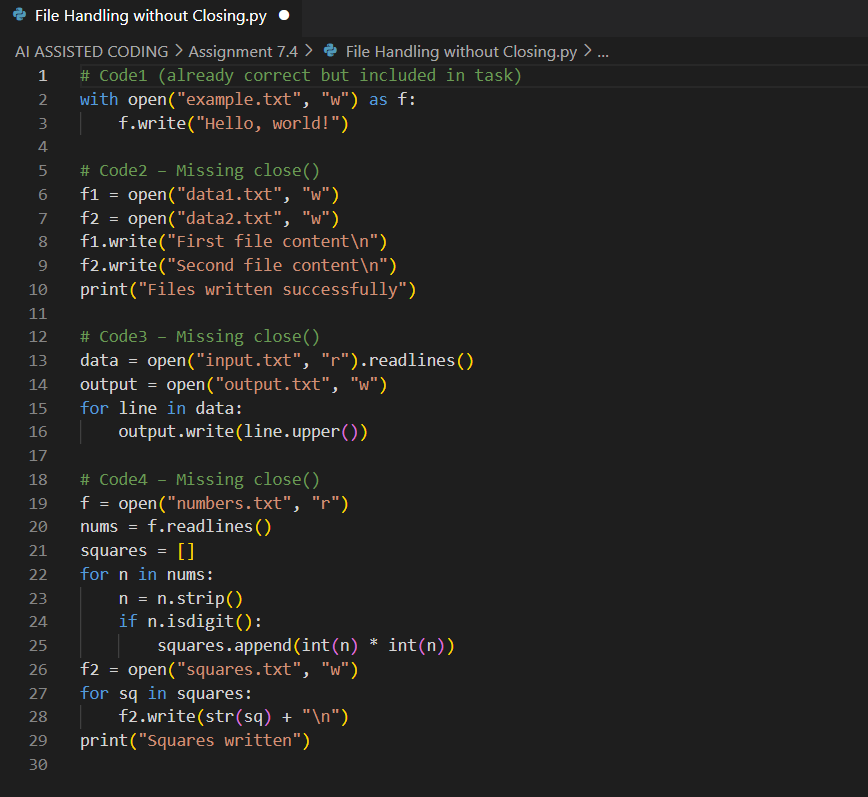
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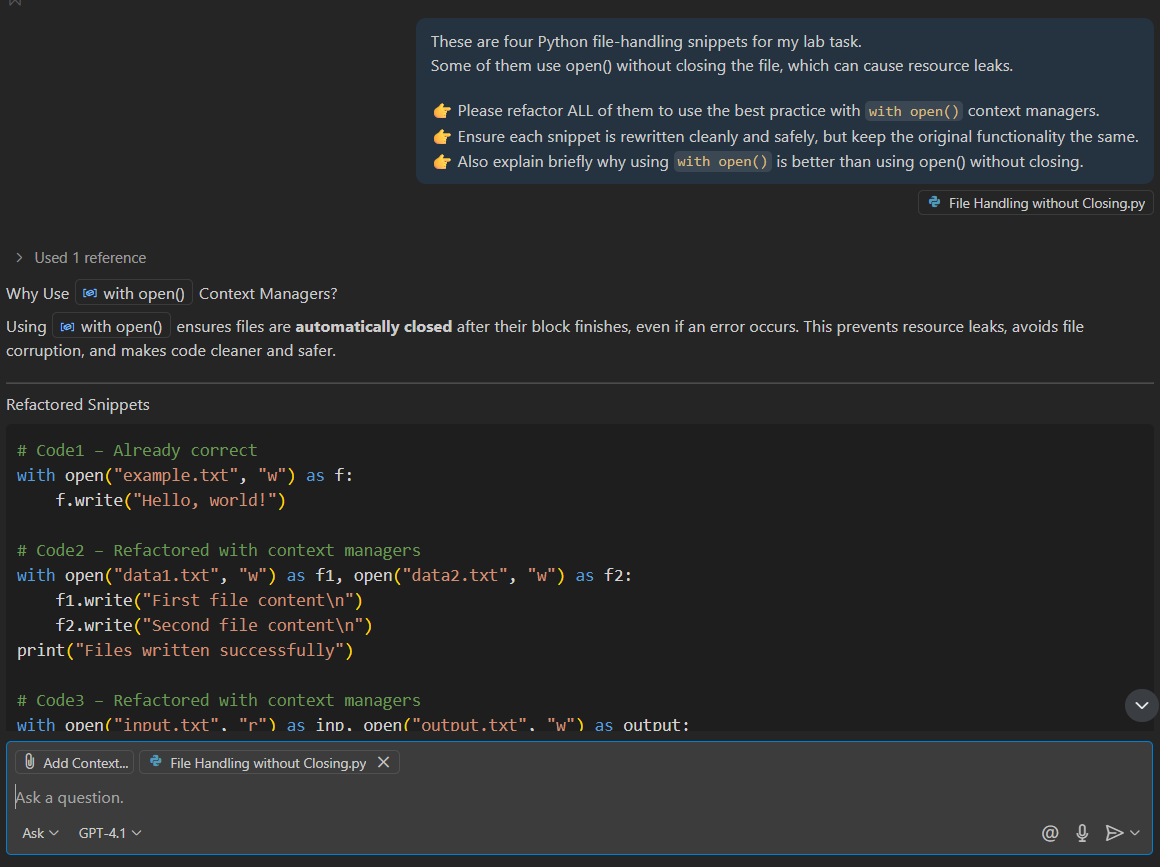
Task – 3 : File Handling without Closing



A screenshot of a computer code

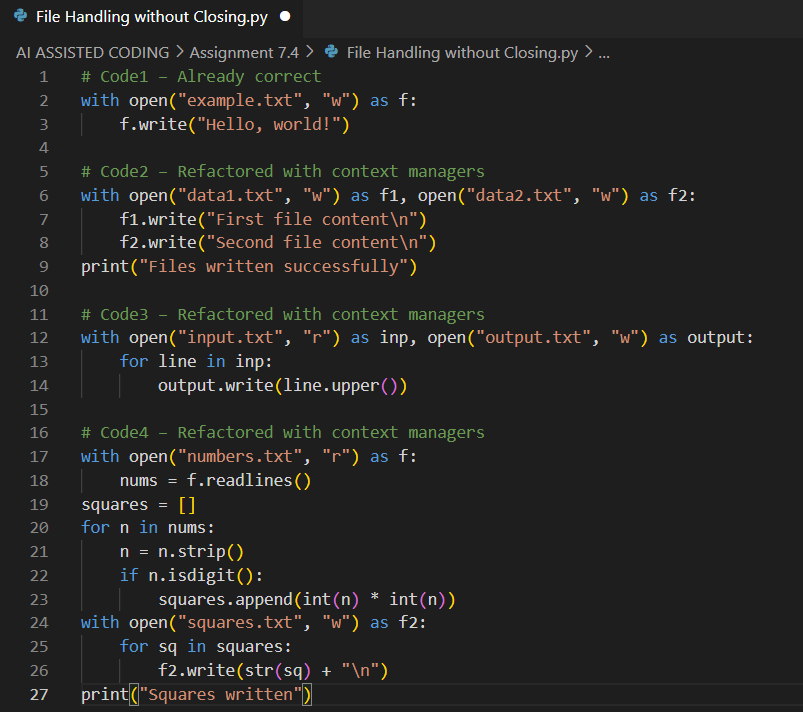
AI-generated content may be incorrect.





A screenshot of a computer program

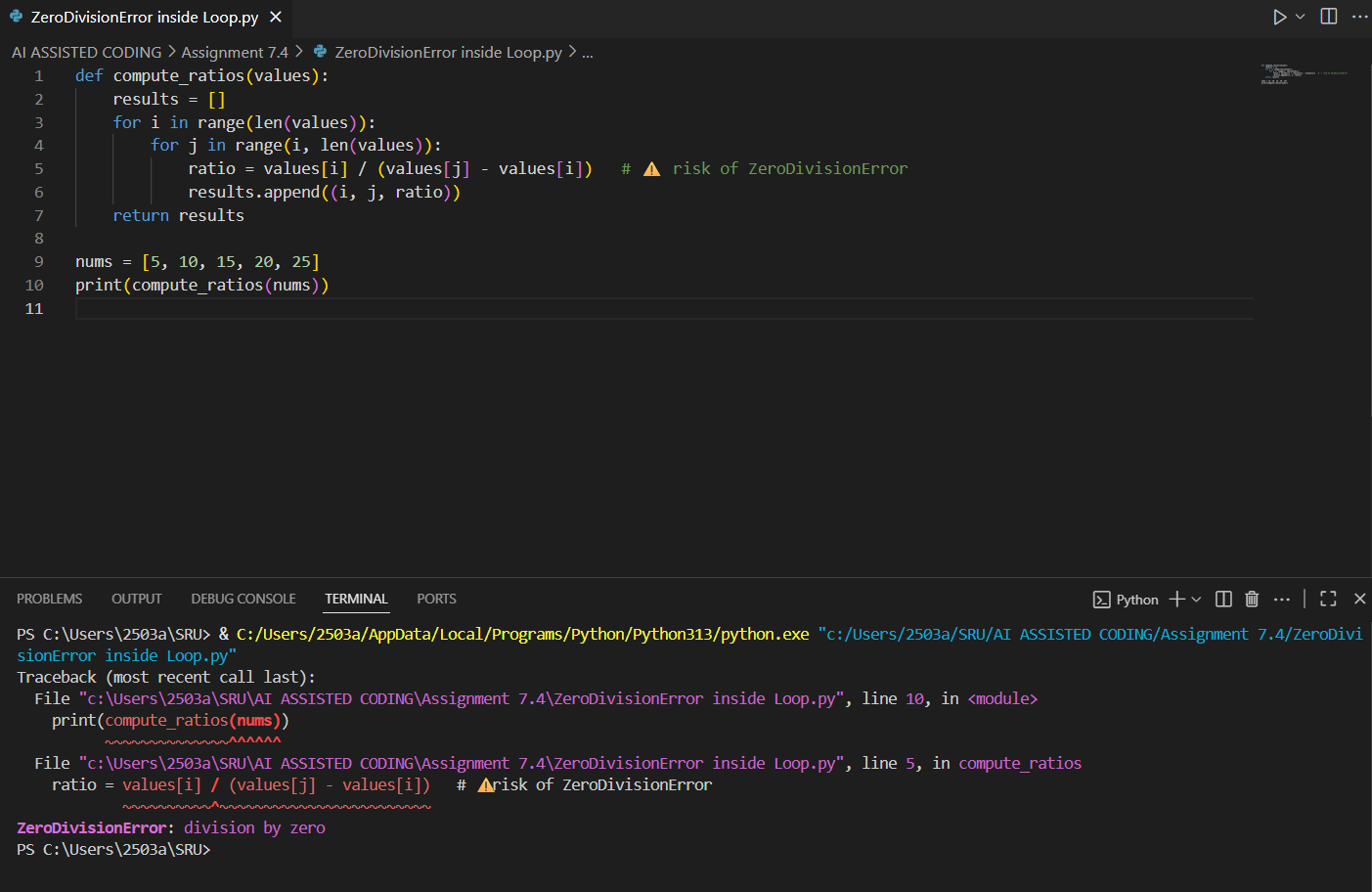
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Task – 4 : ZeroDivisionError inside Loop

A screenshot of a computer code

AI-generated content may be incorrect.



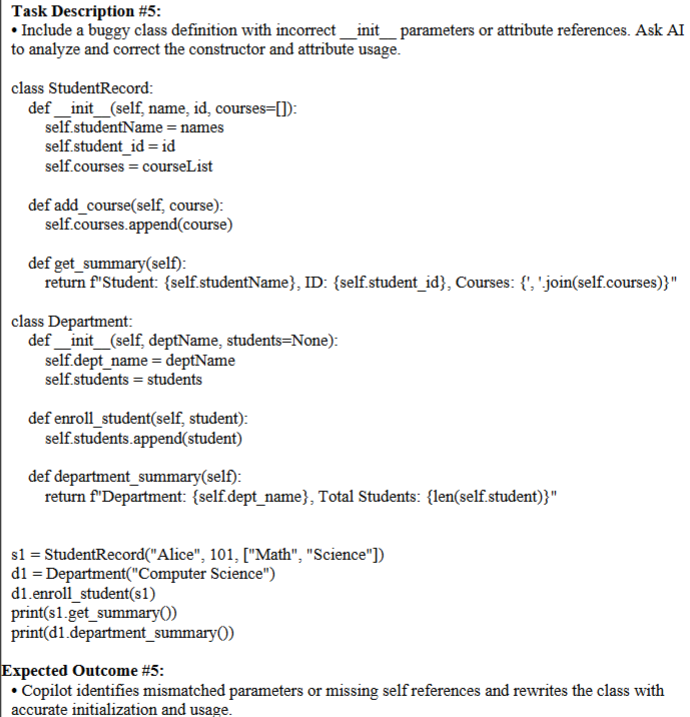
A screenshot of a computer program

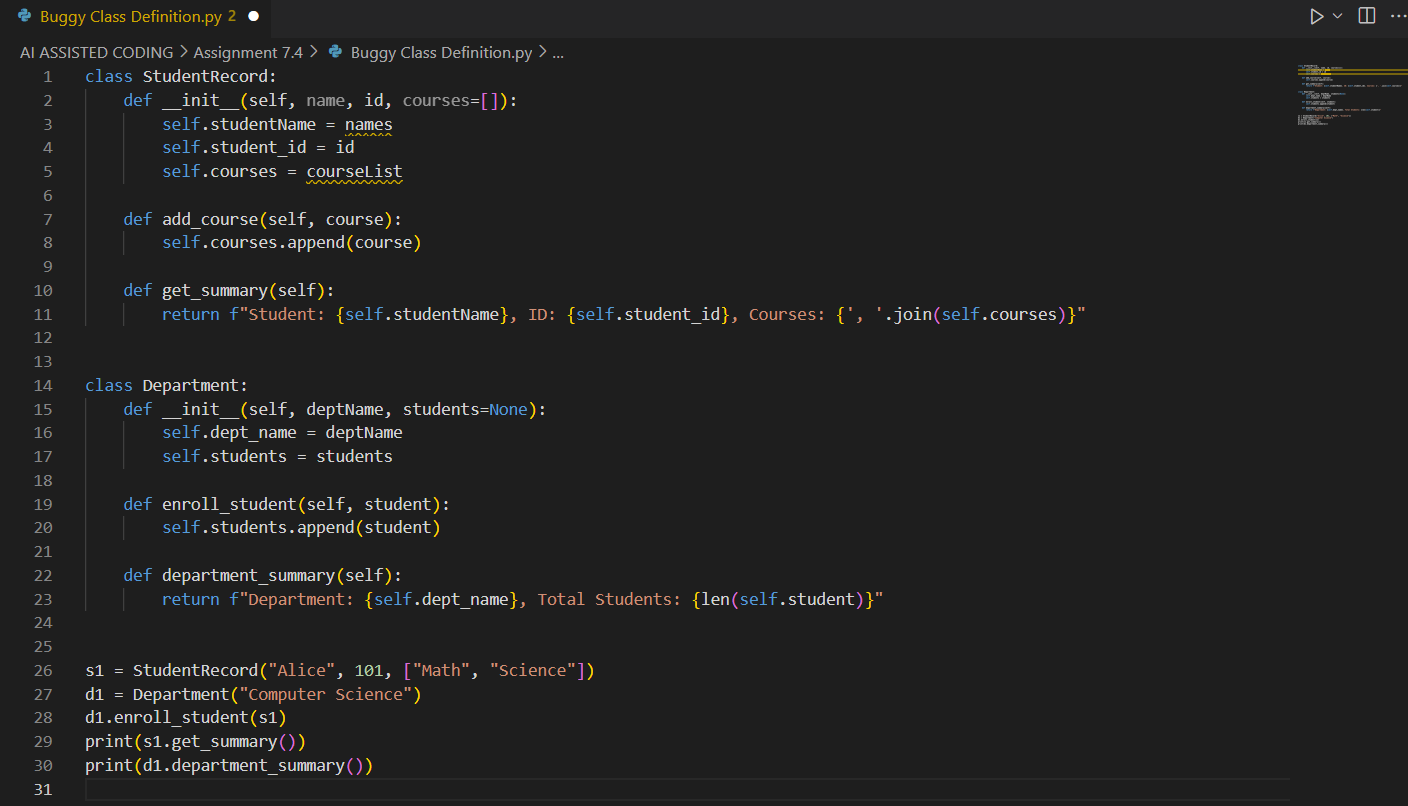
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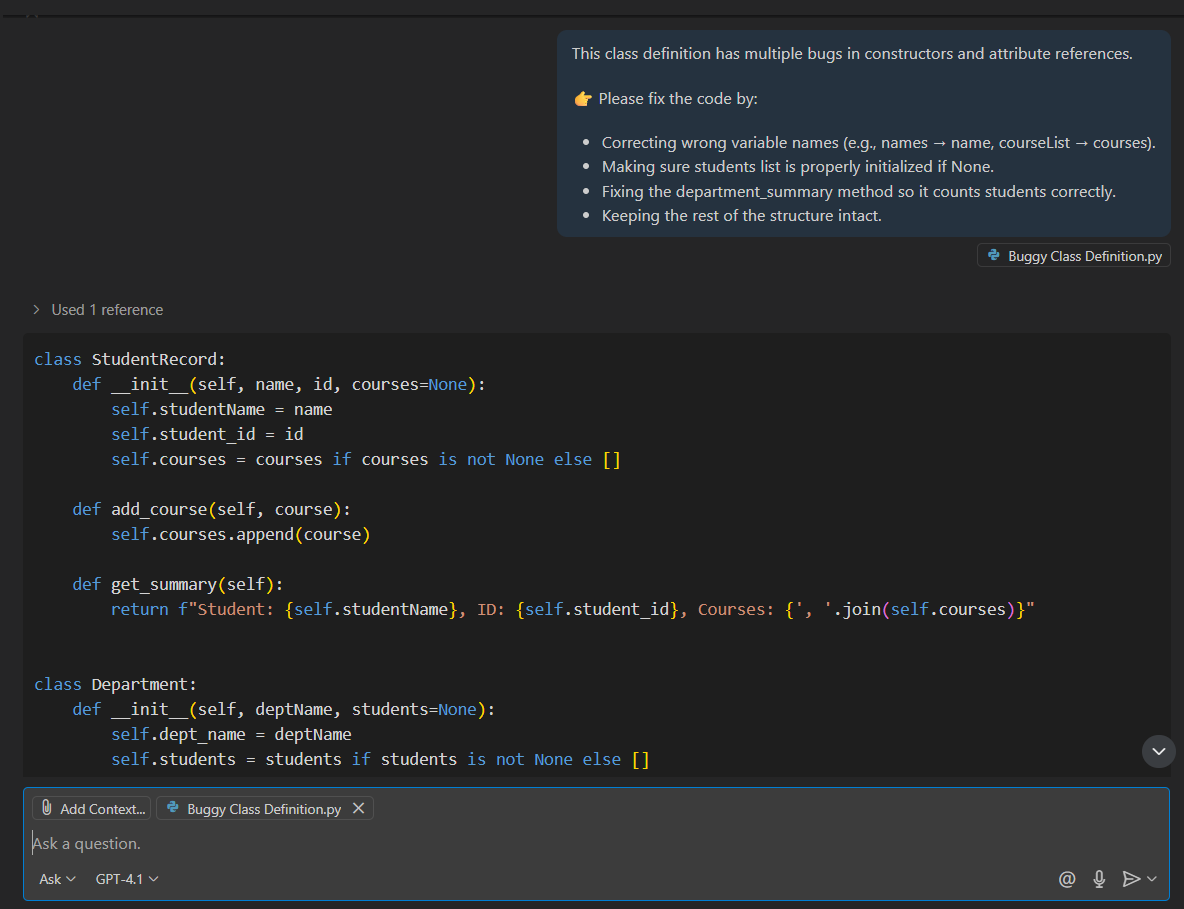
A screen shot of a computer

AI-generated content may be incorrect.

Task – 5 : Buggy Class Definition







A screen shot of a computer

AI-generated content may be incorrect.

