ASSIGNMENT-11.2

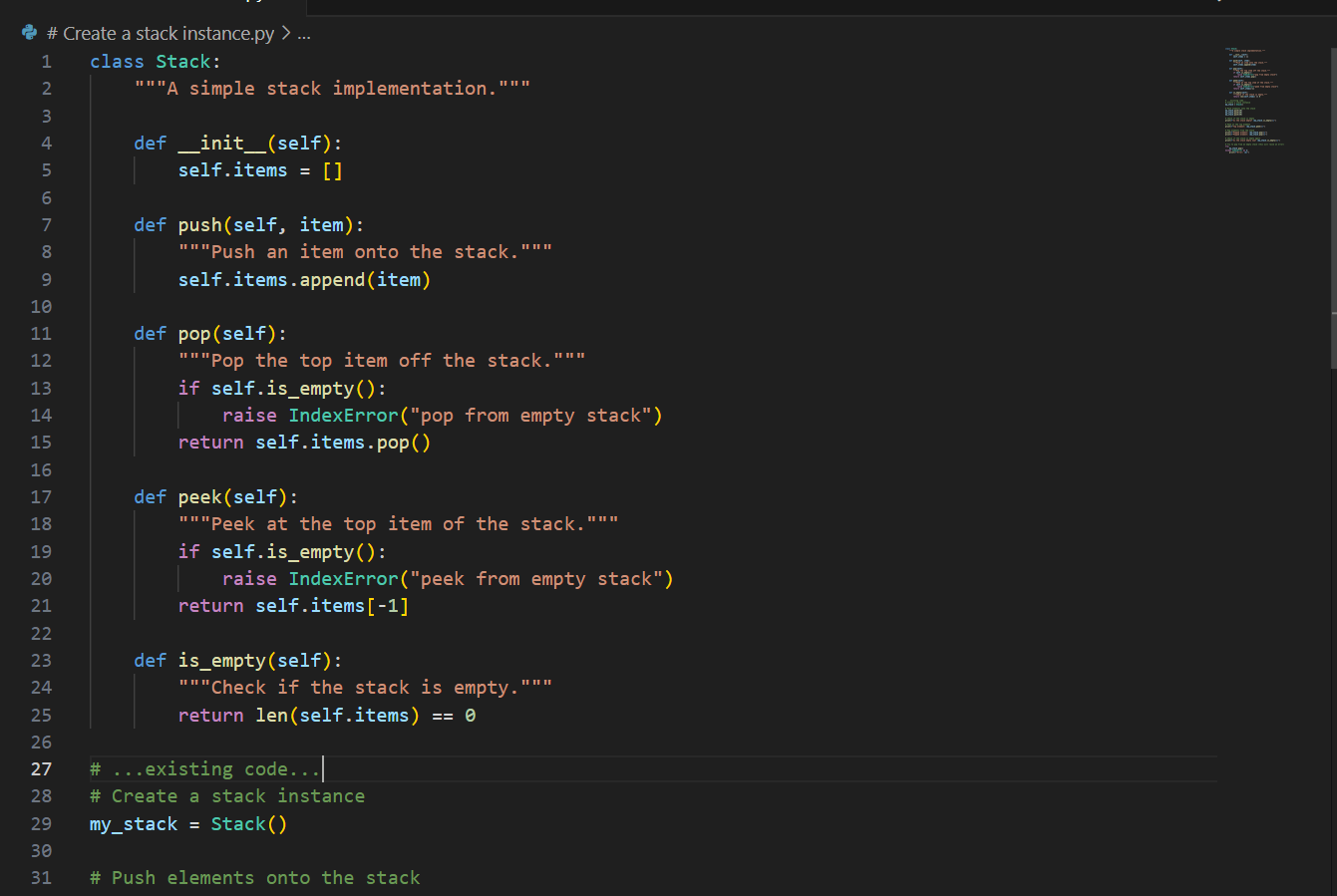
NAME:LEELA PRASEEDA SAI.P

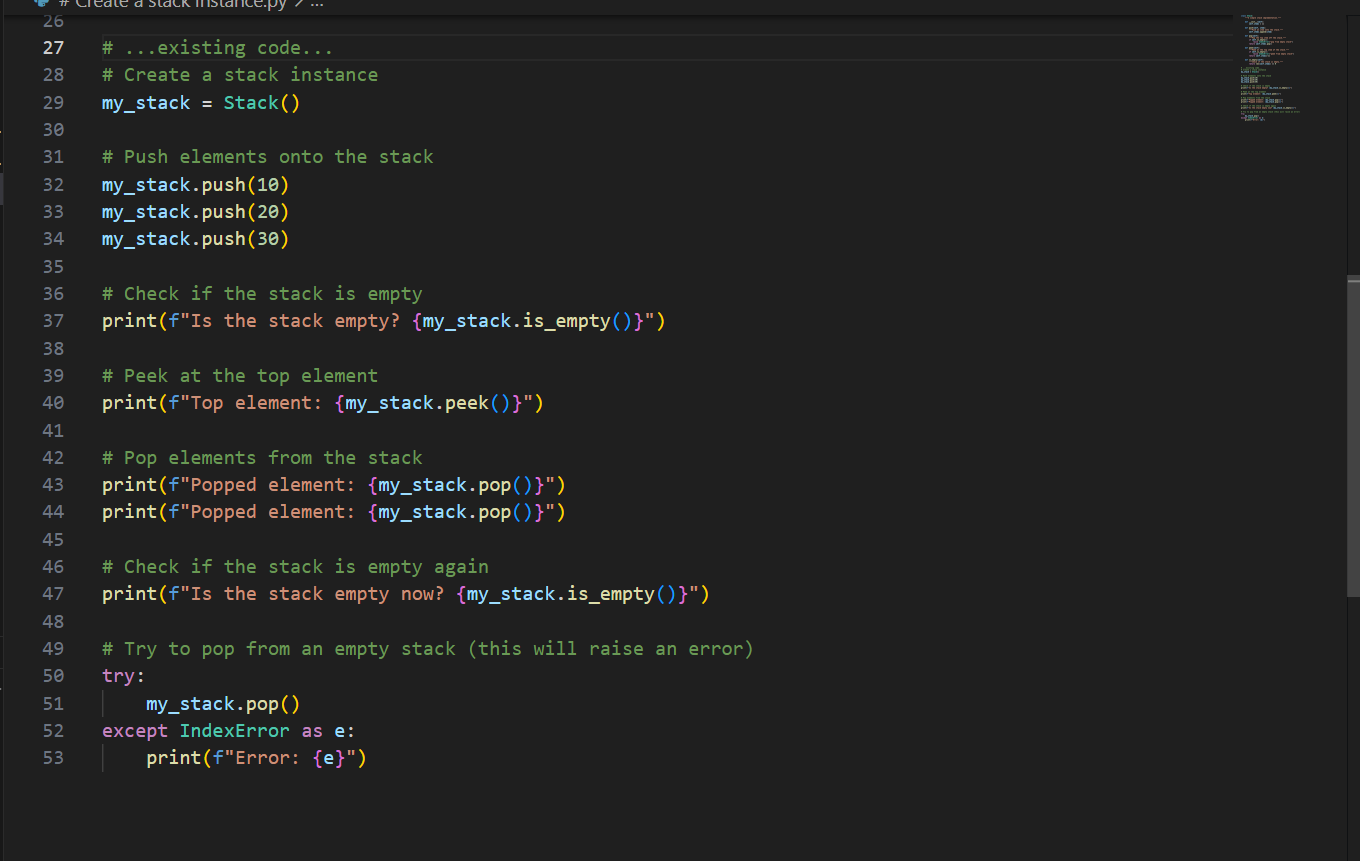
2403A52056

BATCH-03

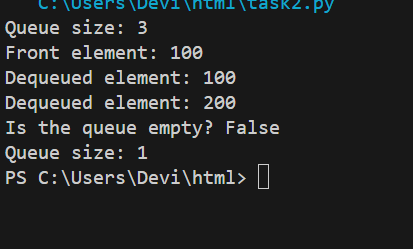
## TASK-1:

PROMPT: Use AI to generate a Stack class with push, pop, peek, and is\_empty  
methods.



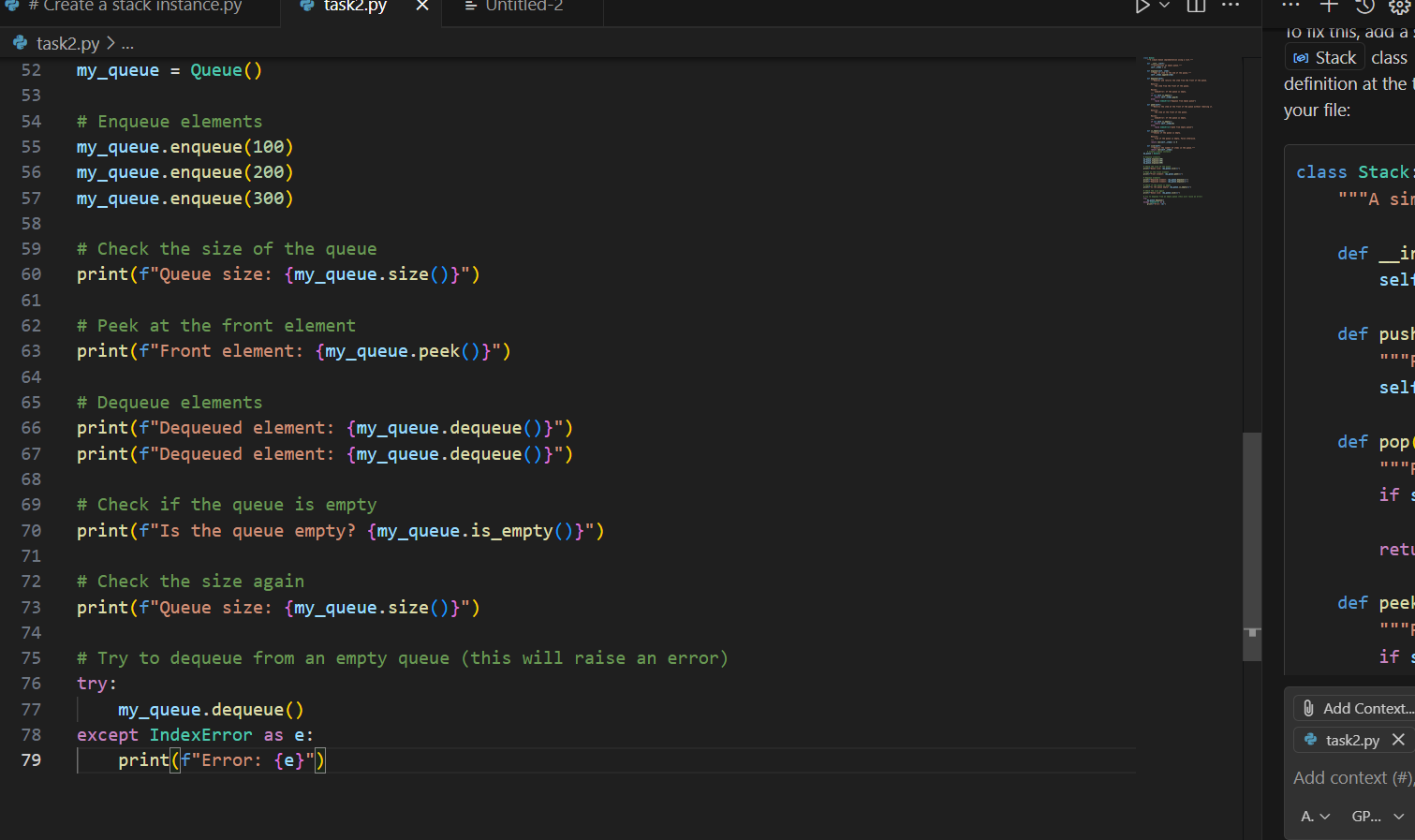
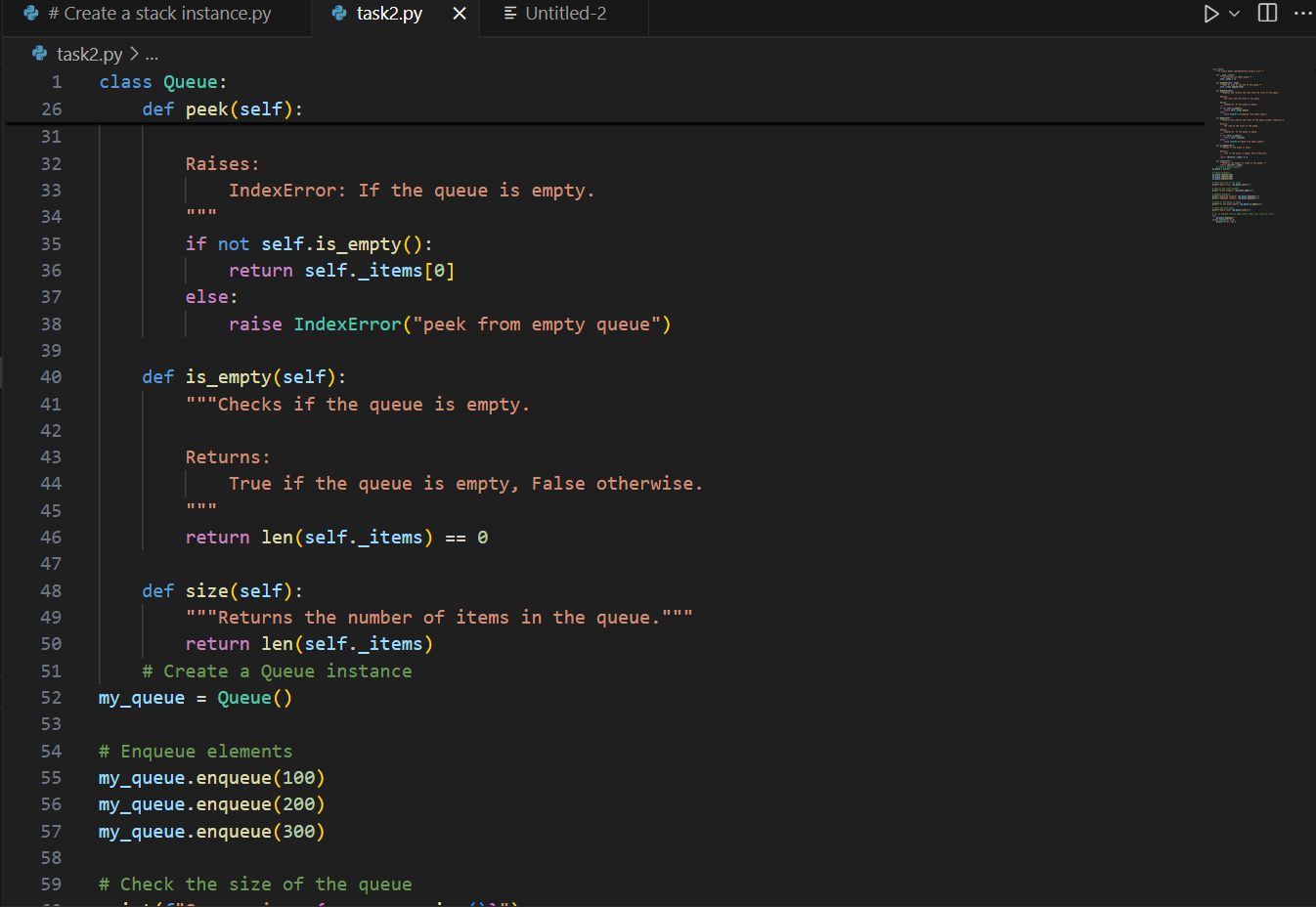
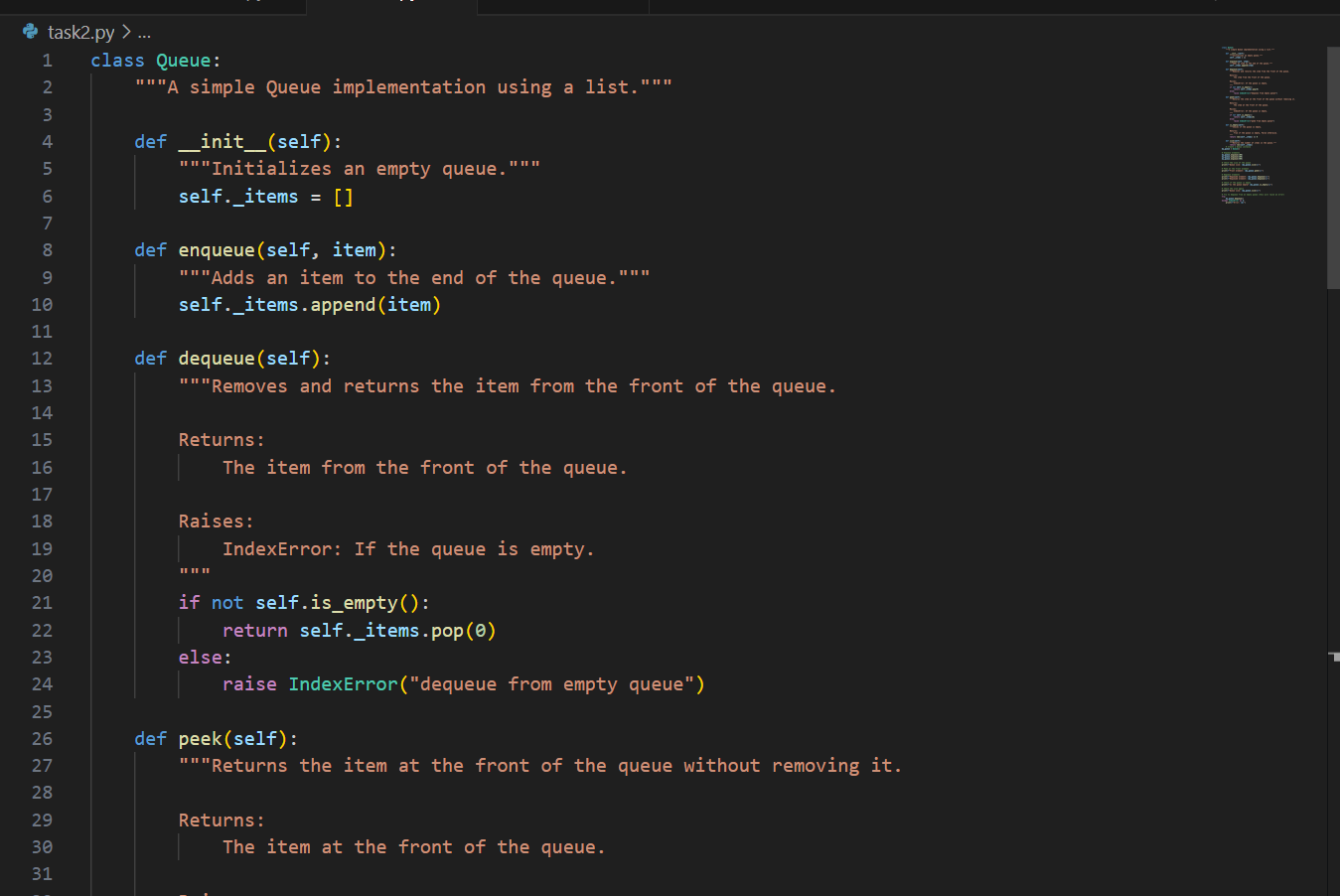


## OUTPUT:

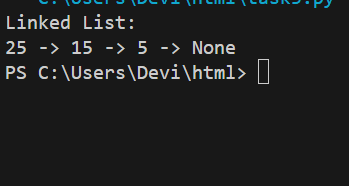


## TASK-2:

PROMPT: Use AI to implement a Queue using Python lists.



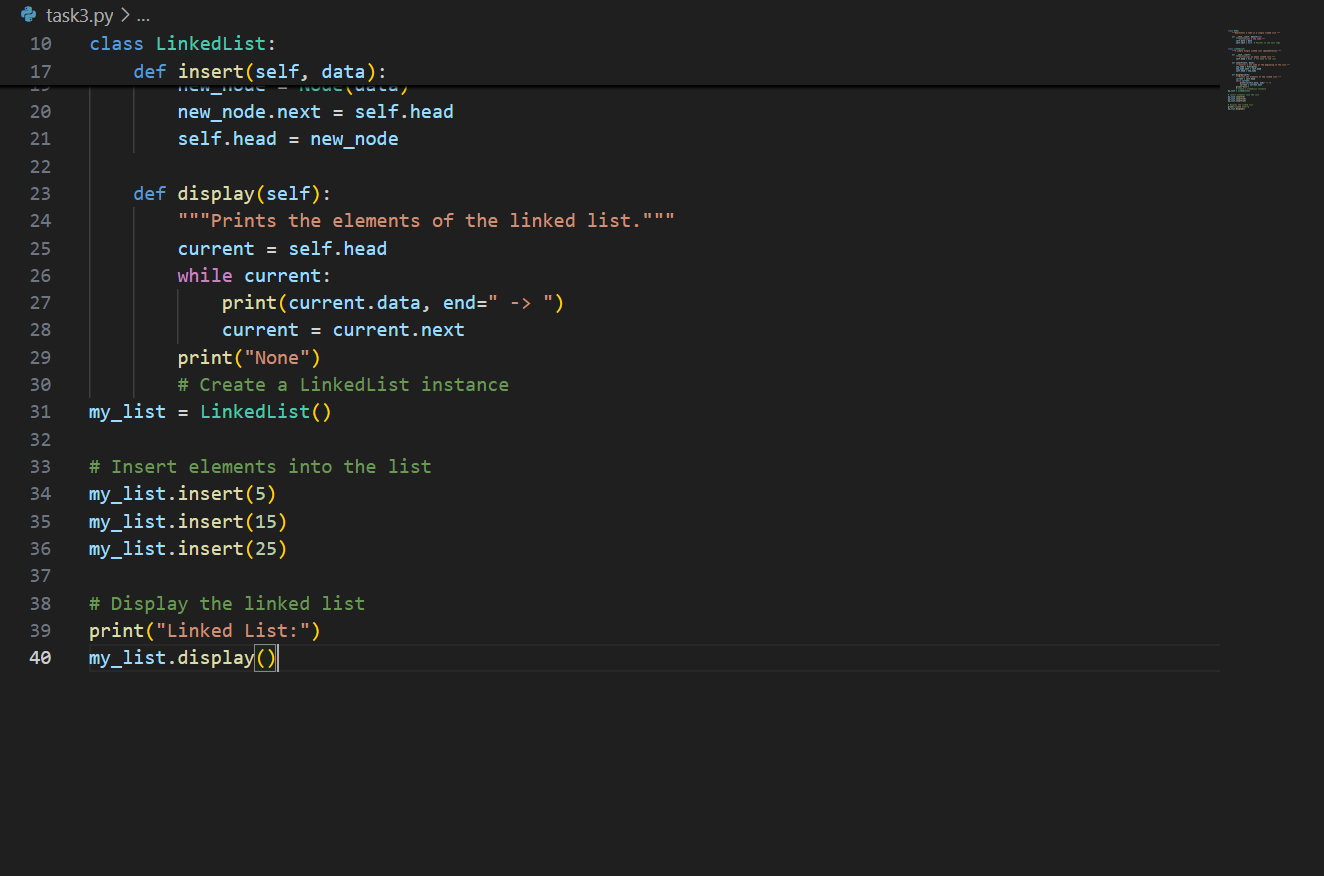
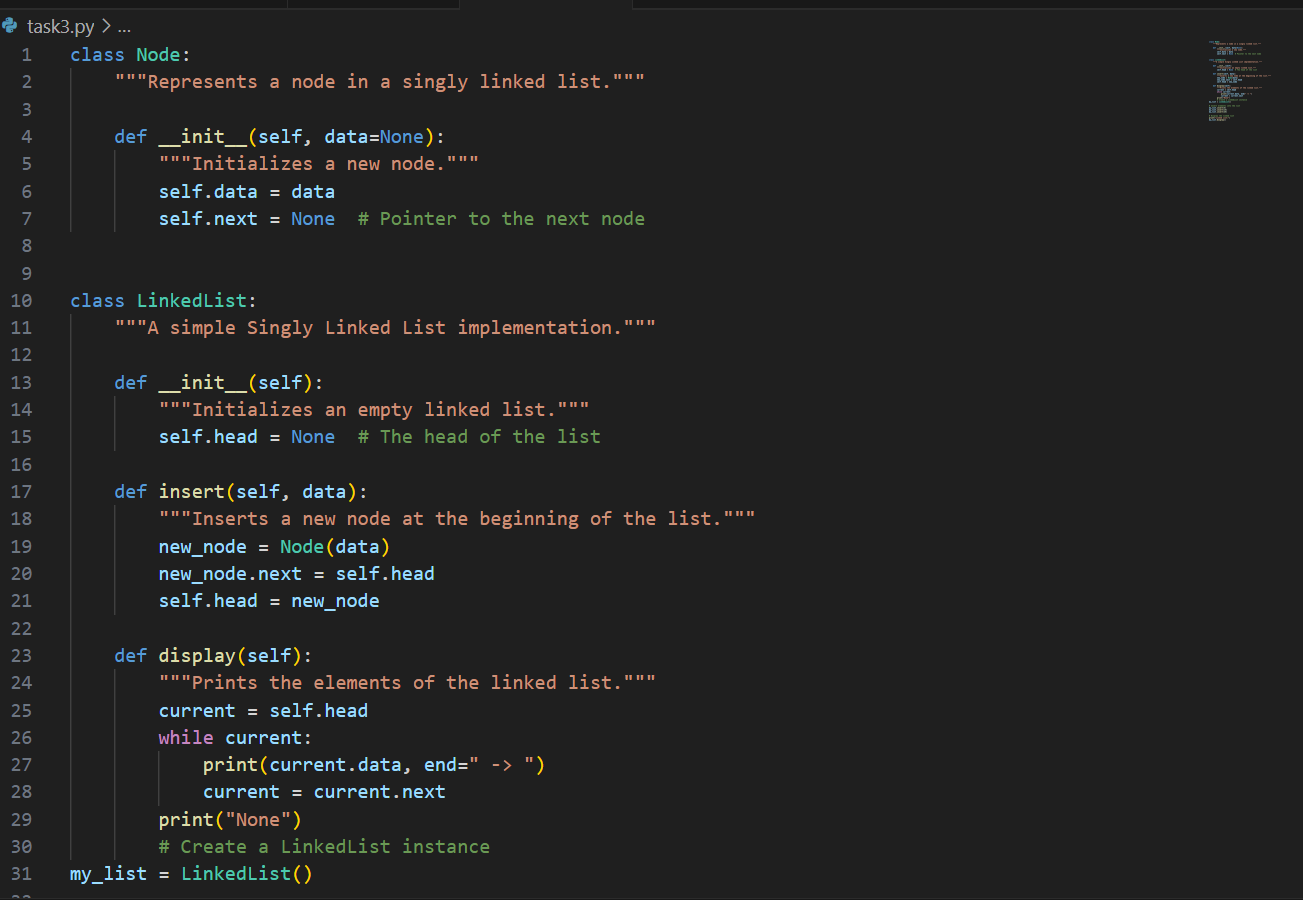
## OUTPUT:



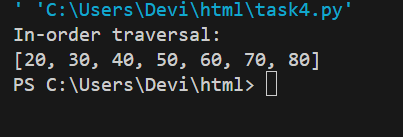
## TASK-3:

PROMPT:

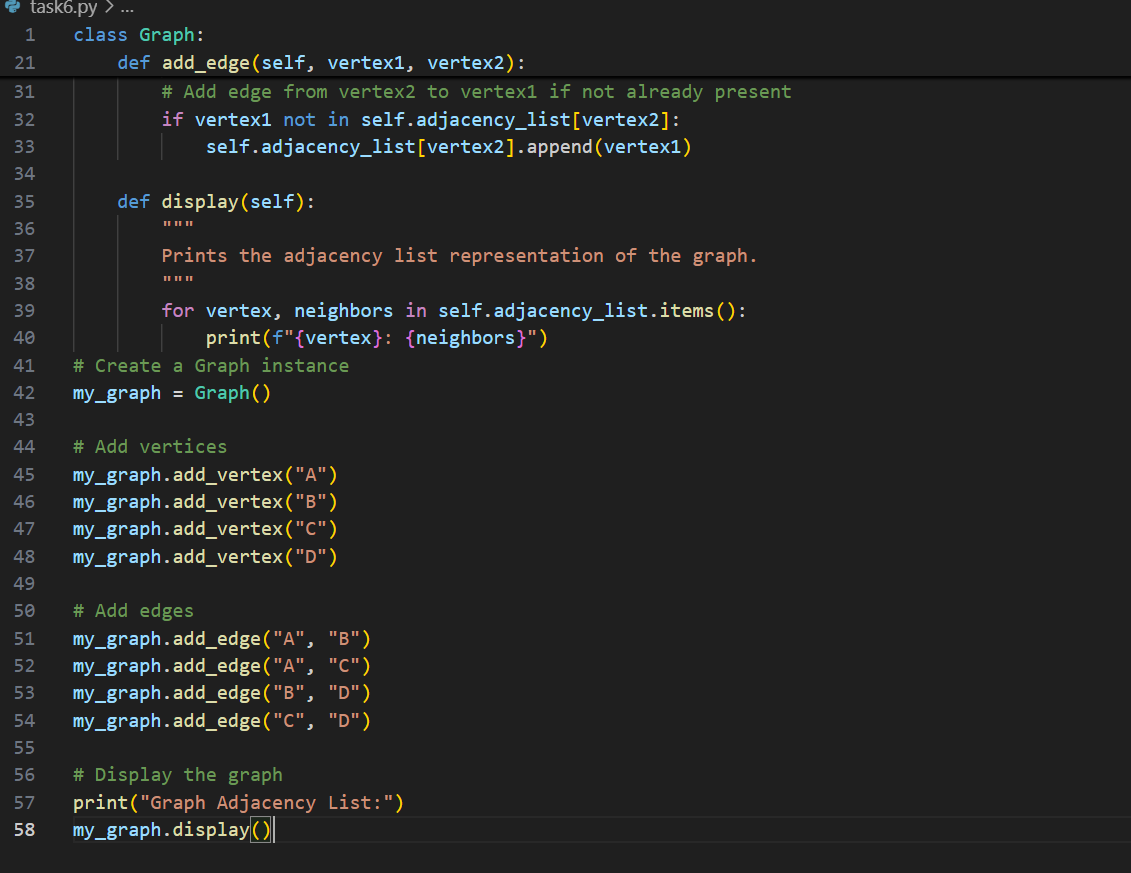
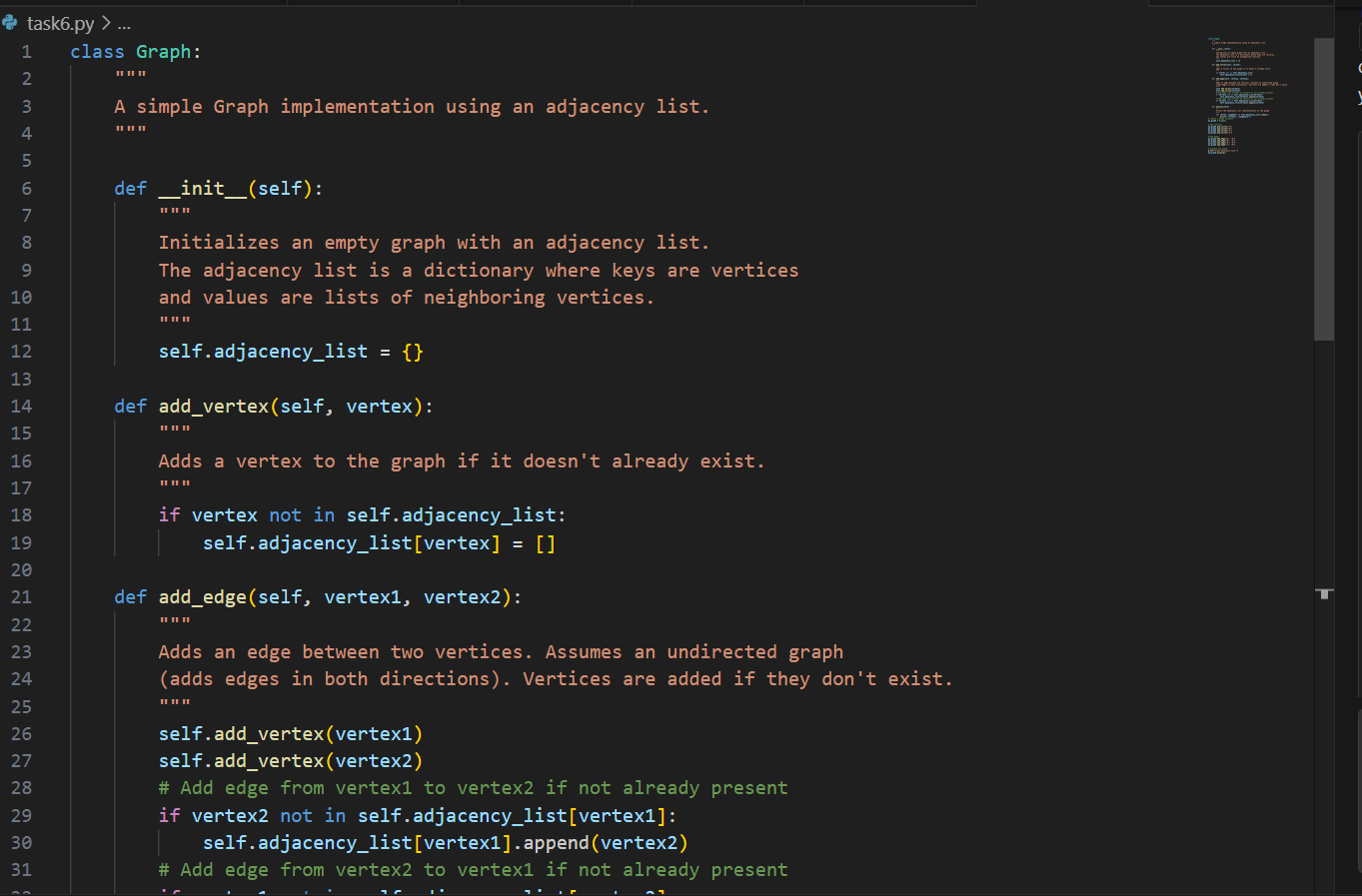
Use AI to generate a Singly Linked List with insert and display methods

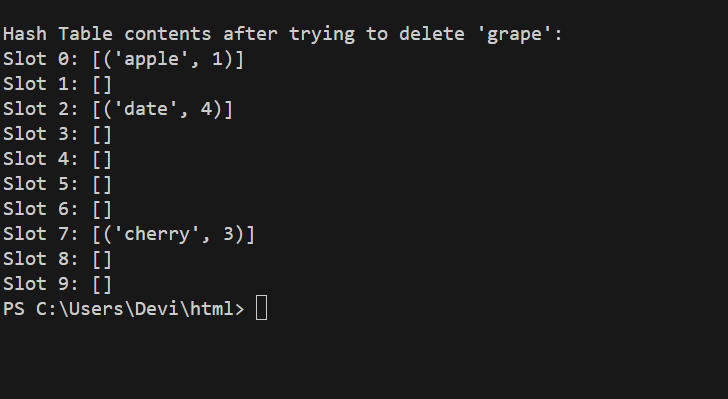
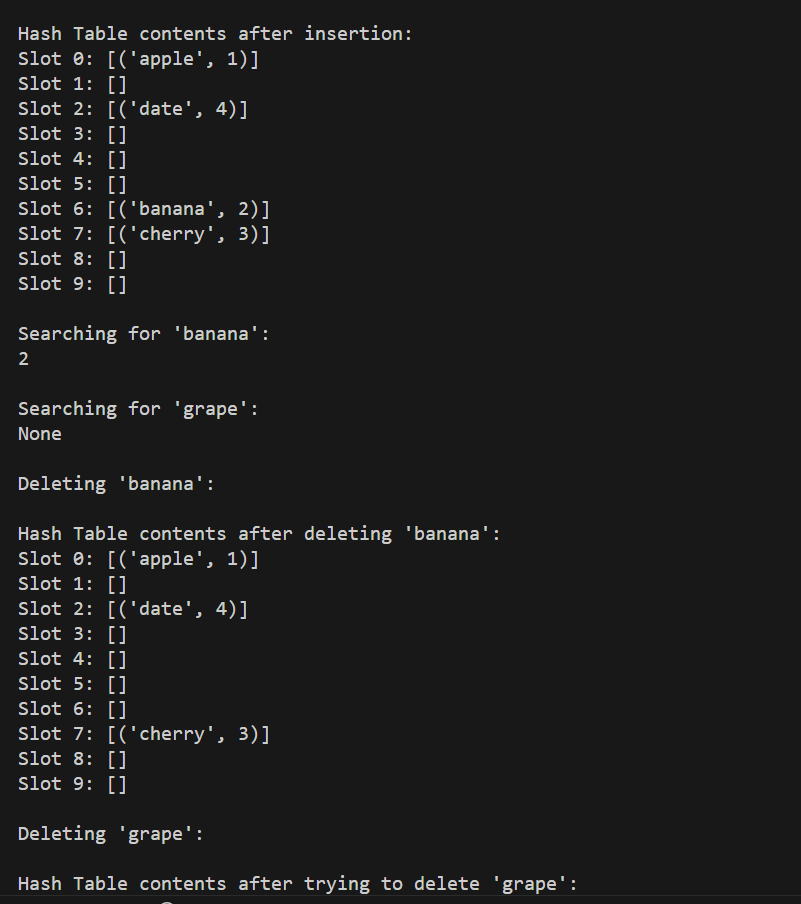


## OUTPUT:

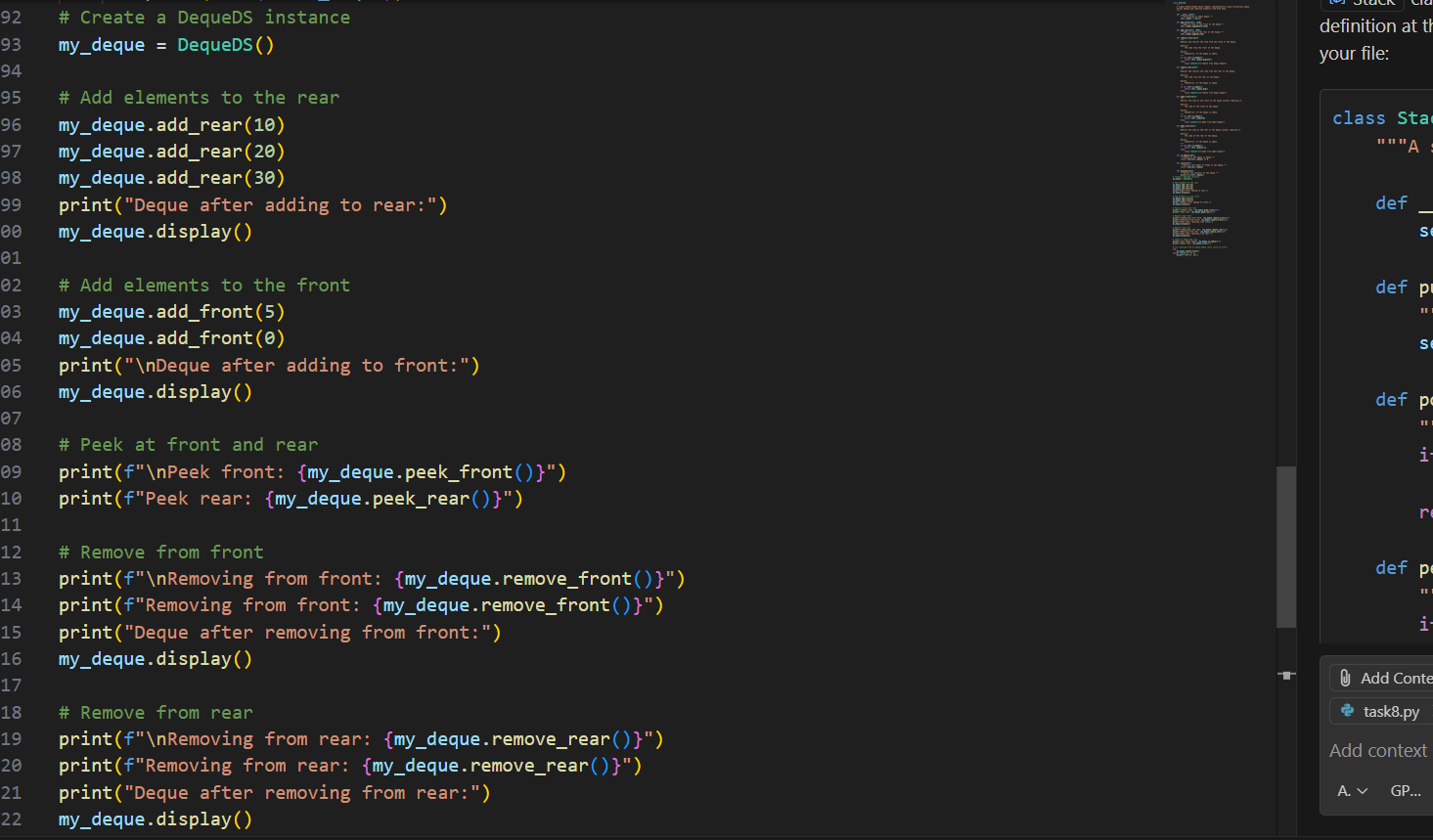


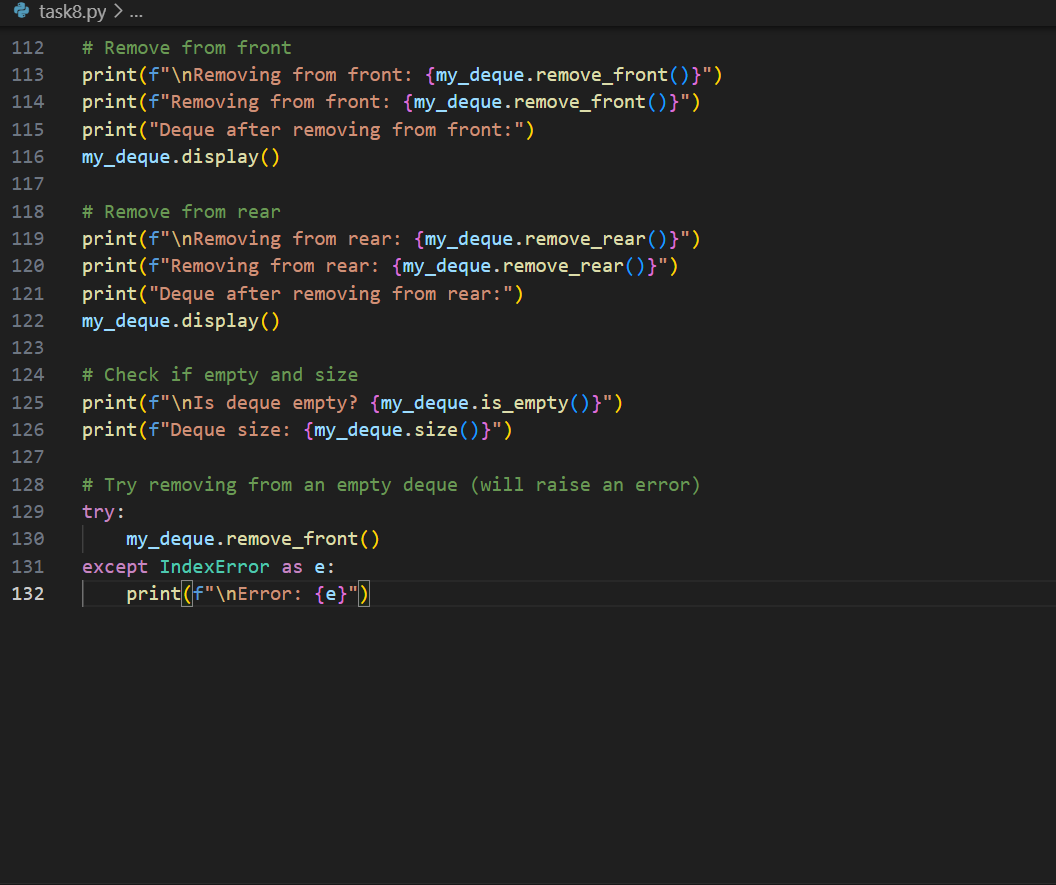
TASK-4:

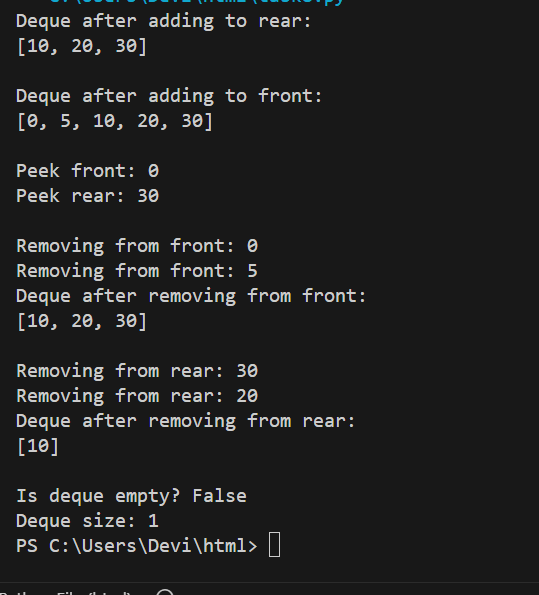




Task-5:







Task-9:

