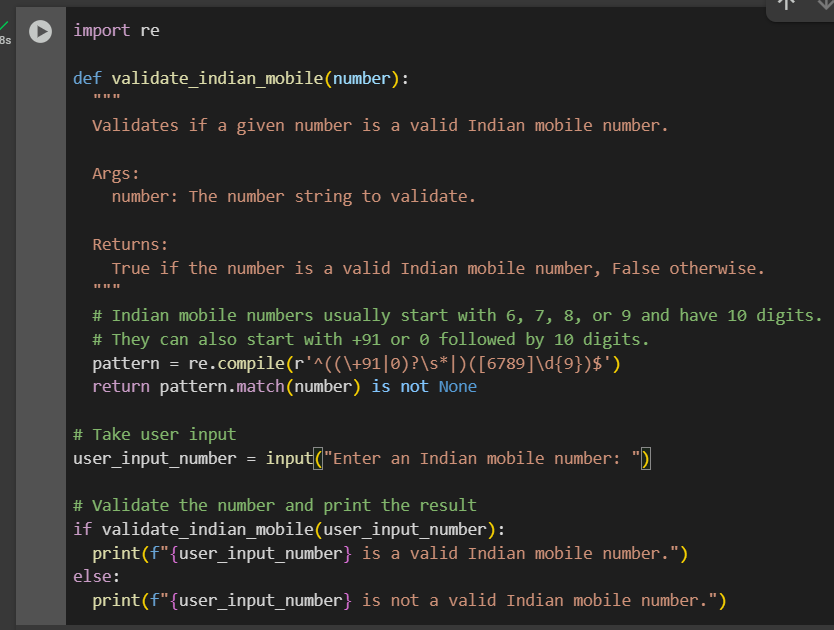
**LAB ASSIGNMENT- 4.1**

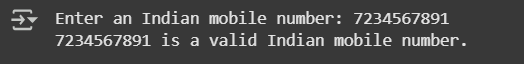
**NAME: SHARIKHA IMTIAZ KHAN**

**ROLLNO:2403A52368**

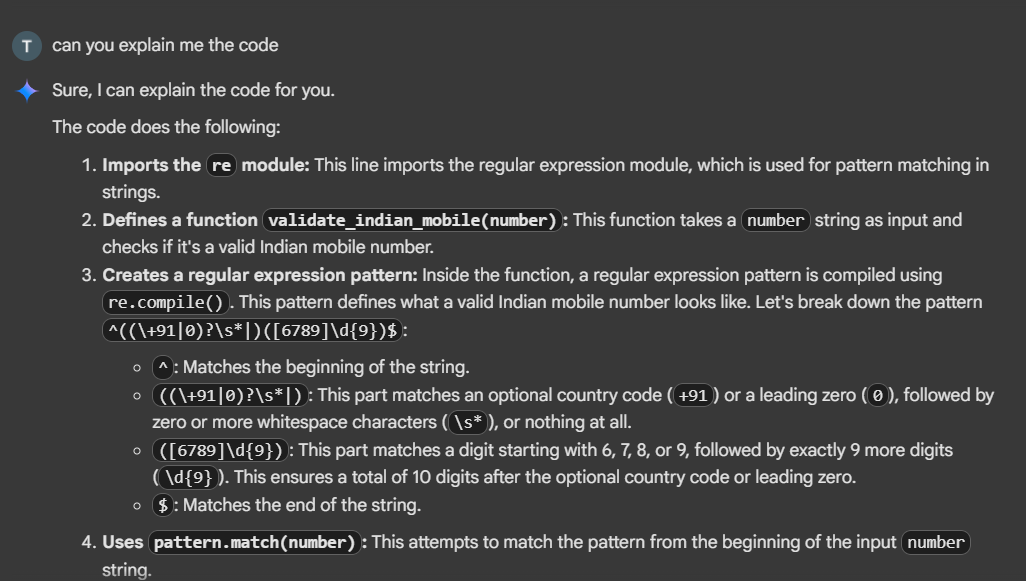
TASK1: write a python program to gigve validation for an indian number or no by taking user input using functions

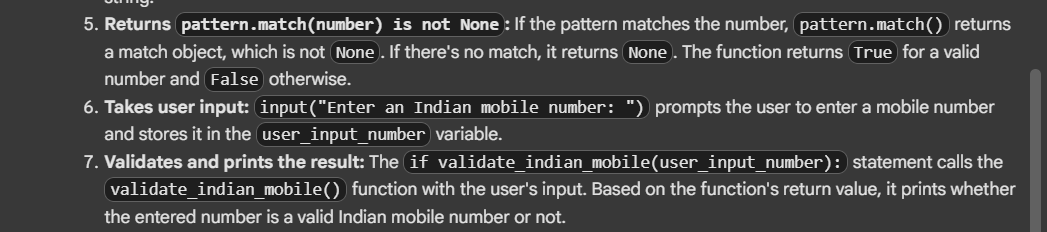


OUTPUT:

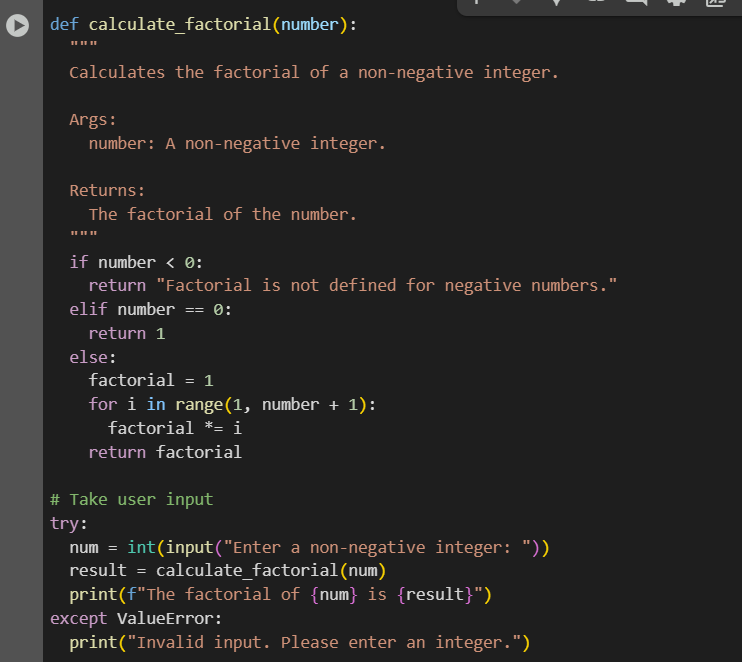


EXPLAINATION:



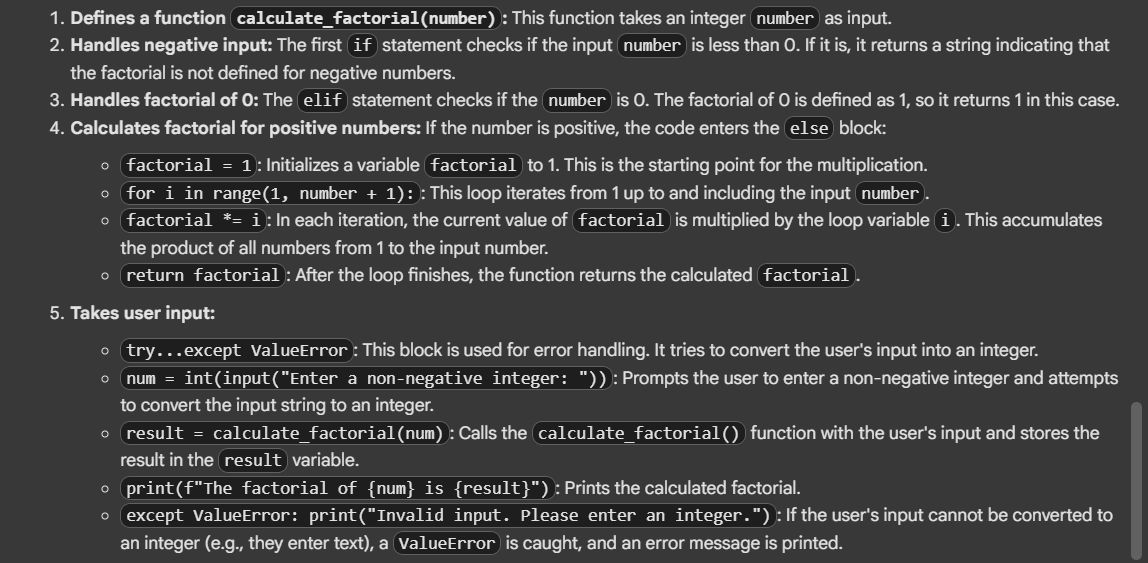


TASK2: write a python program that calculates factorial of a number using functions

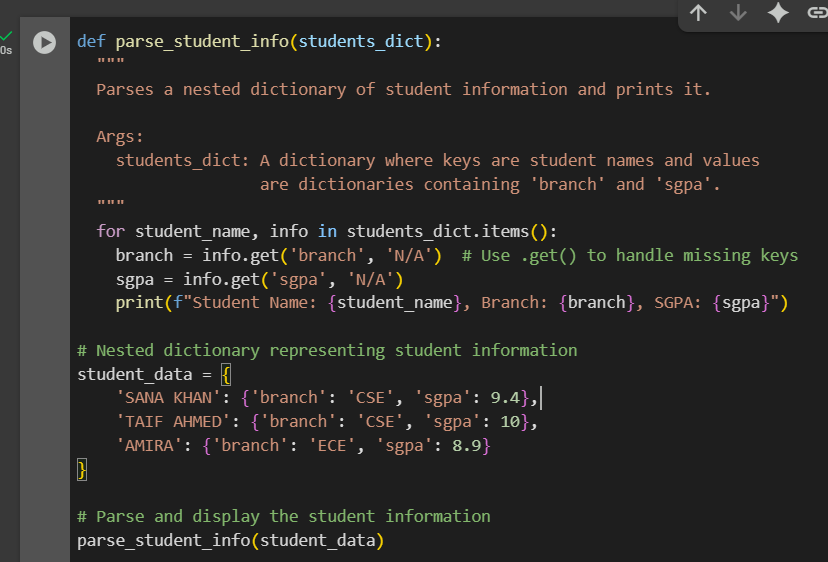


OUTPUT:

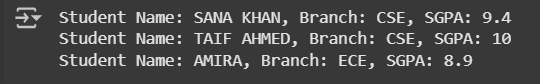


EXPLAINATION: 

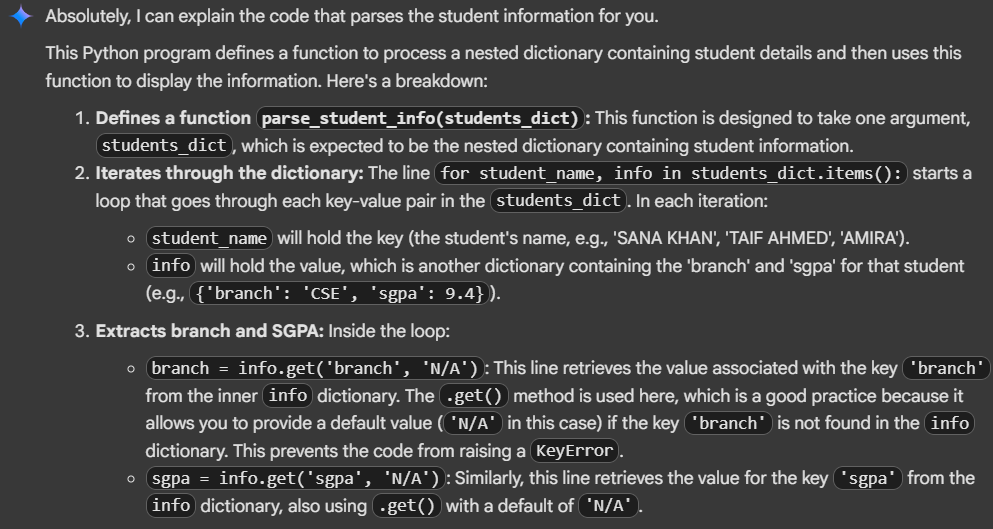
TASK3: write a python program that parses a nested dictionary representing student information like fullname beanch and sgpa of{(SANA KHAN, CSE, 9.4),(TAIF AHMED,CSE,10),(AMIRA,ECE,8.9)} using functions

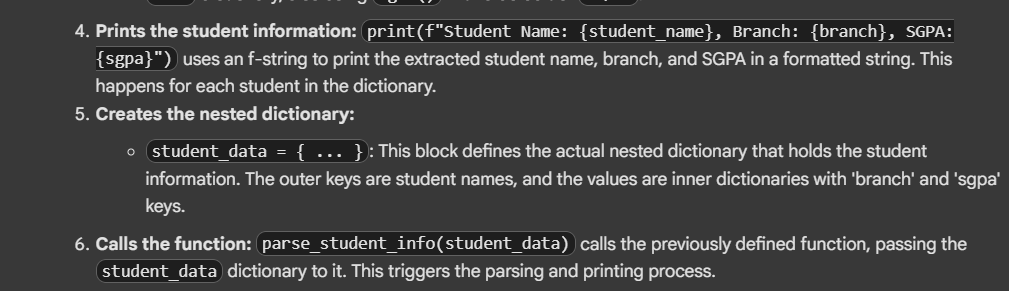


OUTPUT:



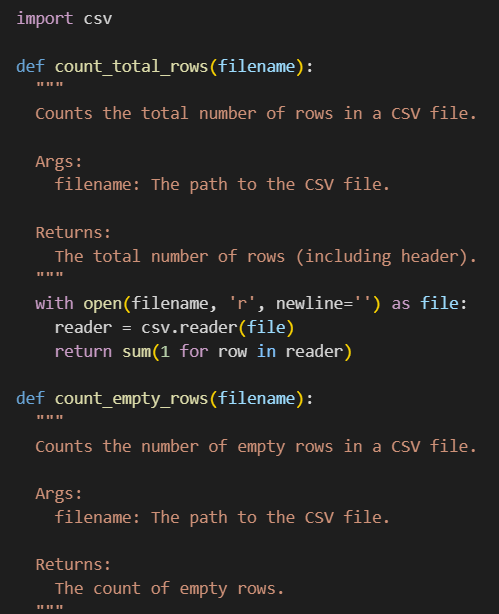
EXPLAINATION:

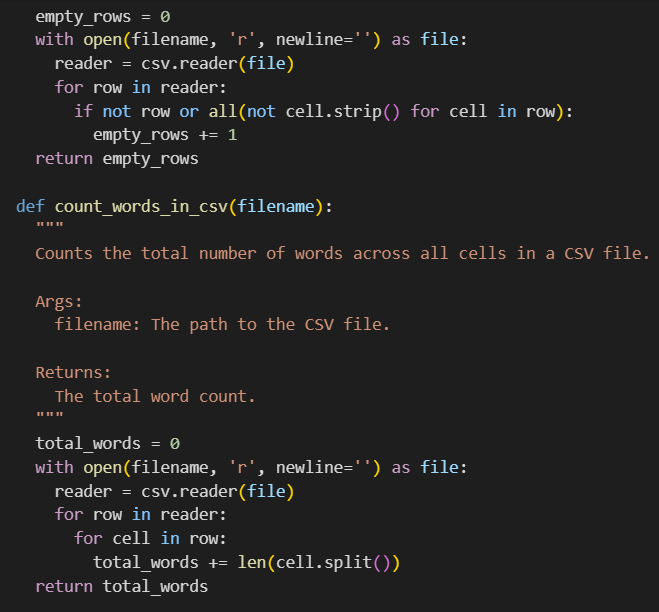


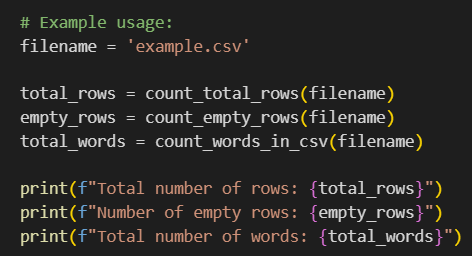


TASK4: write a python program that parses a nested dictionary representing student information like fullname beanch and sgpa of{(SANA KHAN, CSE, 9.4),(TAIF AHMED,CSE,10),(AMIRA,ECE,8.9)} using functions

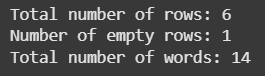




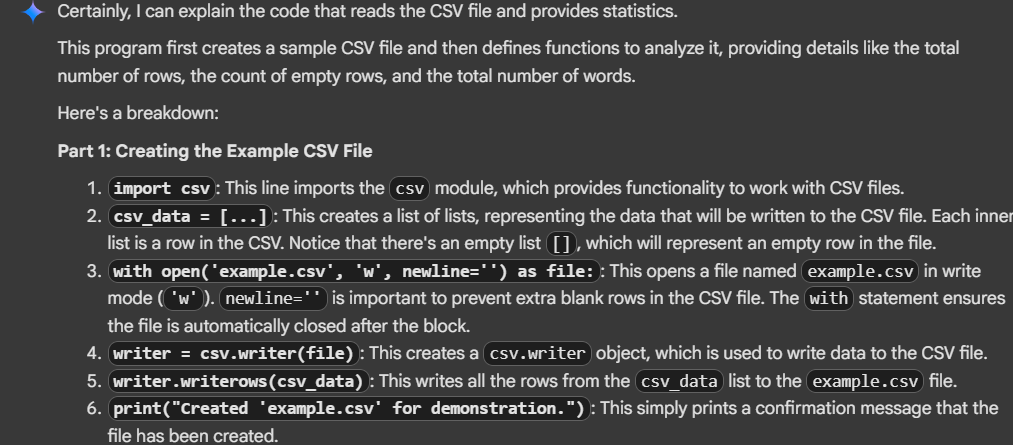


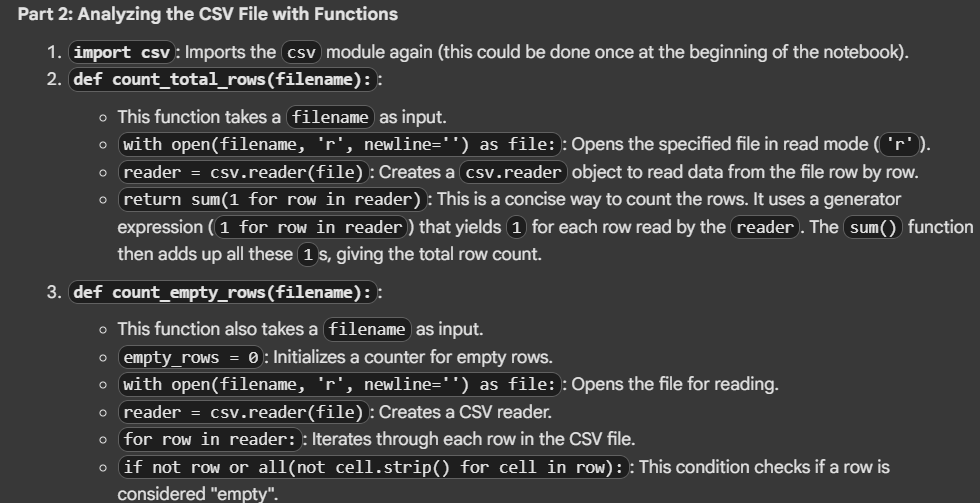


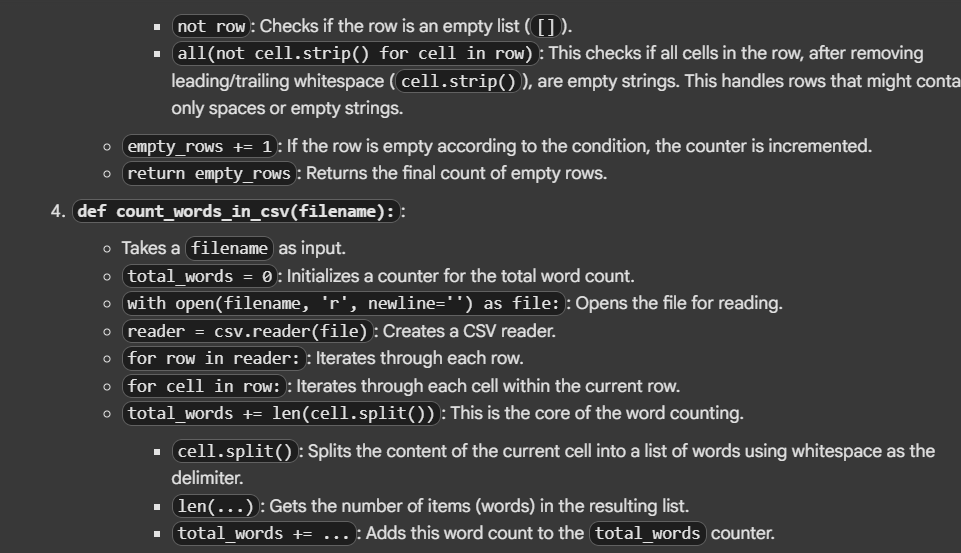
OUTPUT:

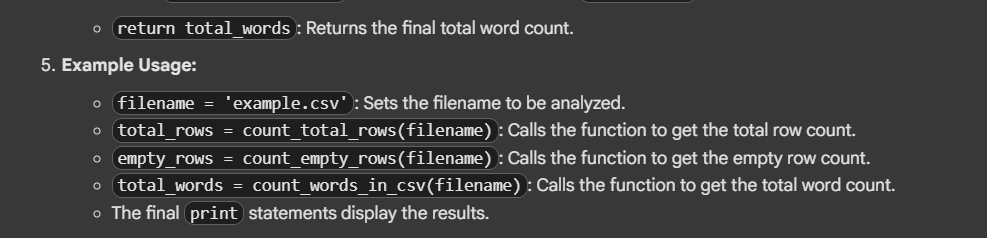


EXPLAINATION:

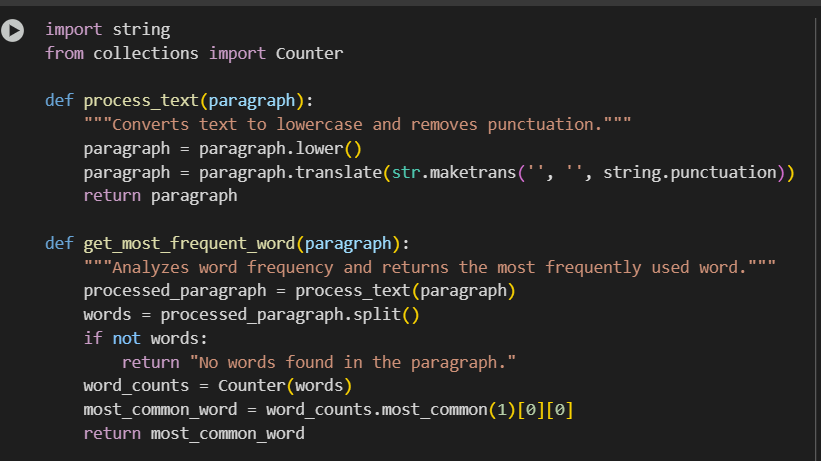


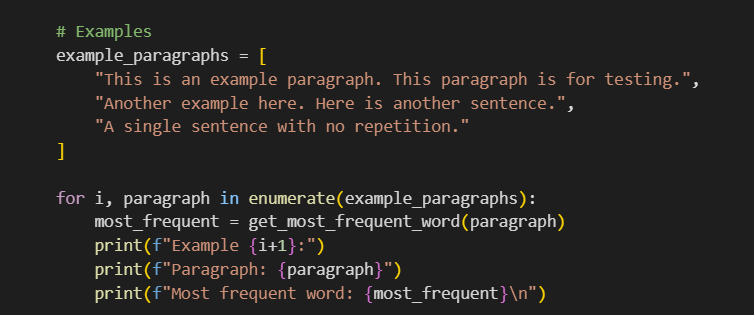




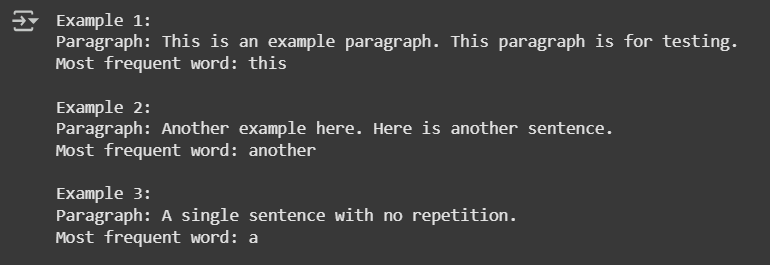


TASK5:





OUTPUT:



EXPLAINATION:

