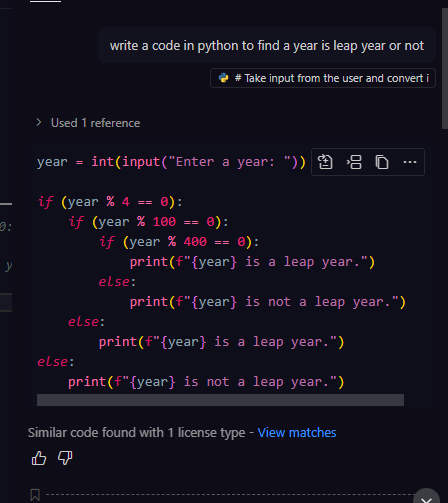
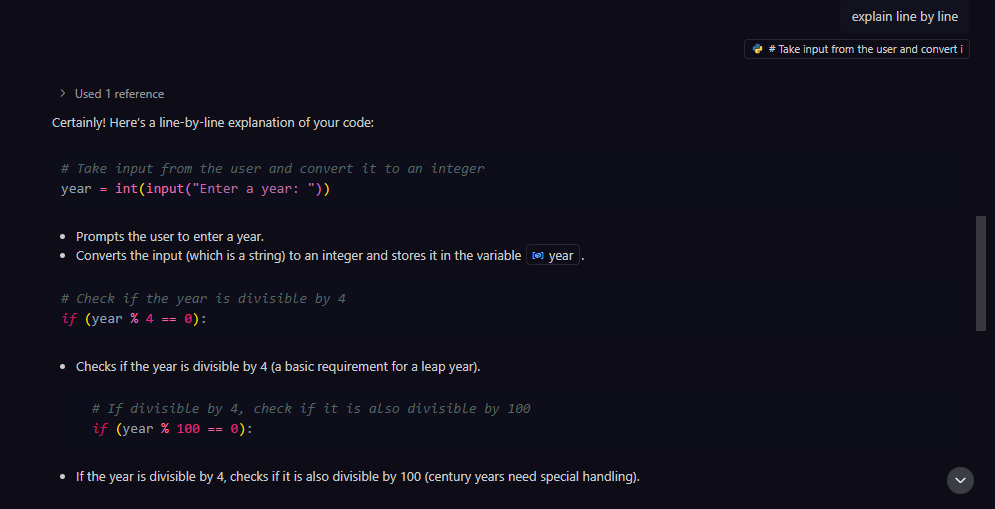
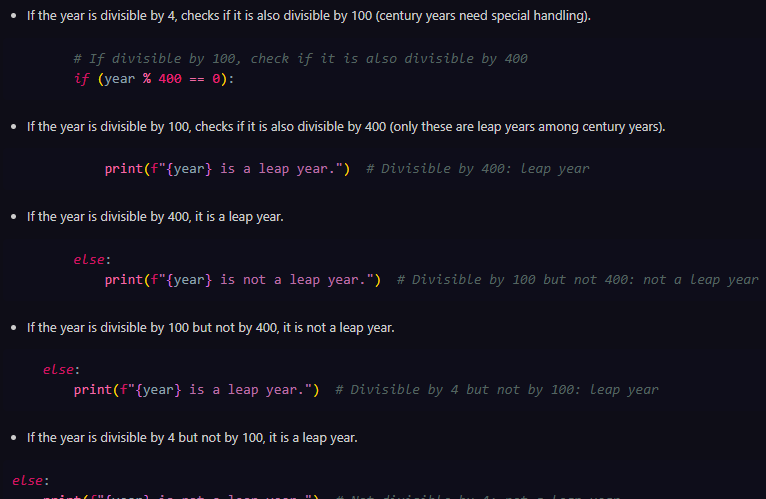
Assignment 4: Task1

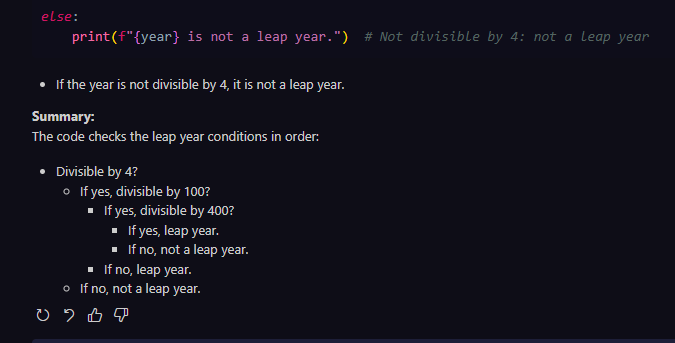
**Prompt:**

****

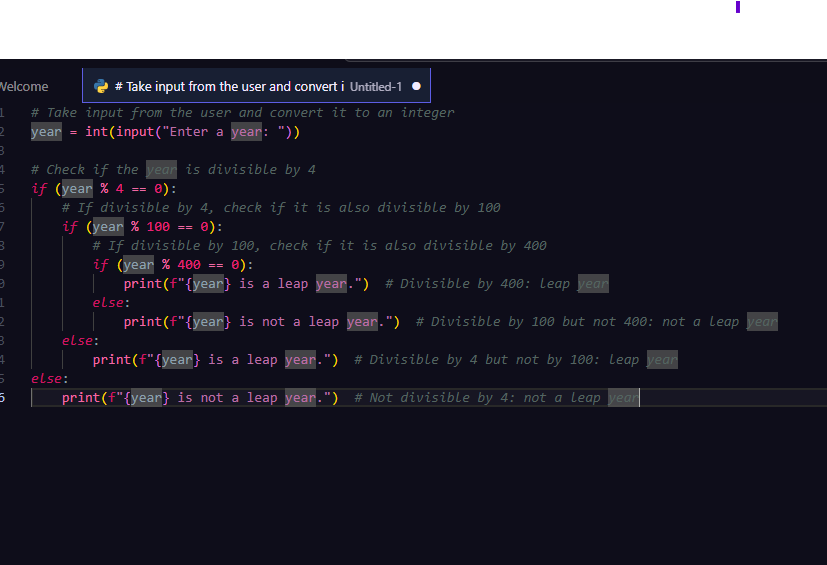
**Explanation:**

****

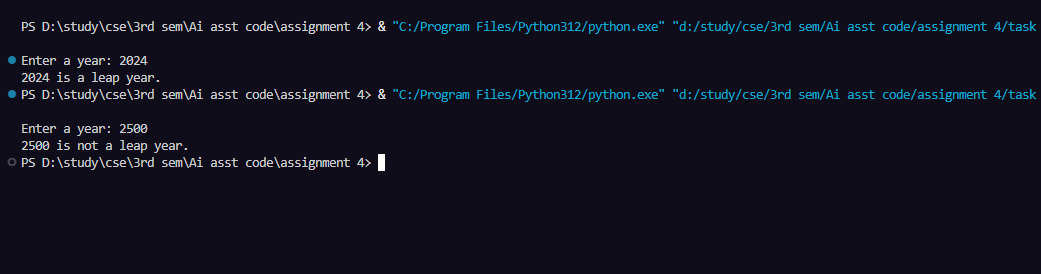
****

****

**Code:**

****

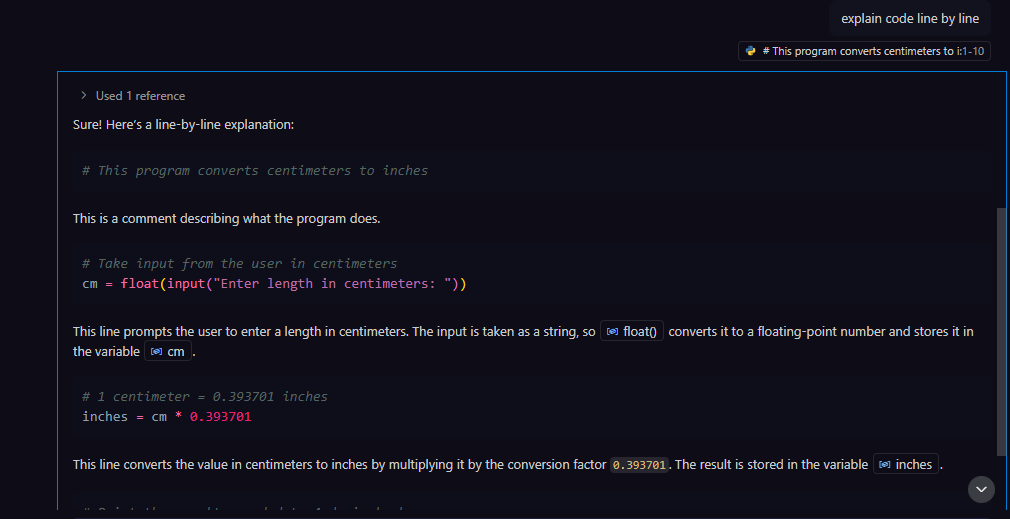
**Output:**

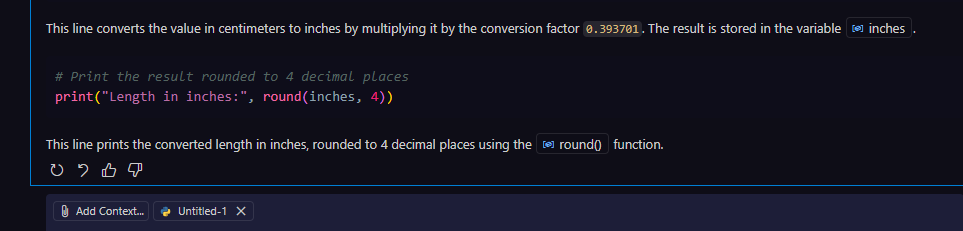
****

Task 2: **Prompt:**

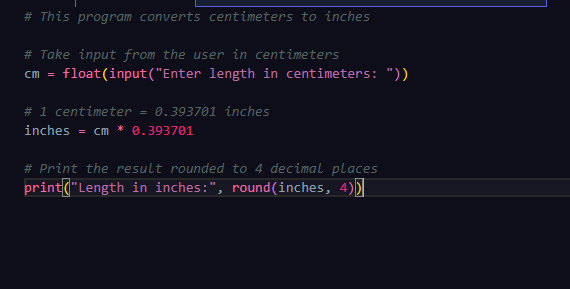
****

**Explanation:**

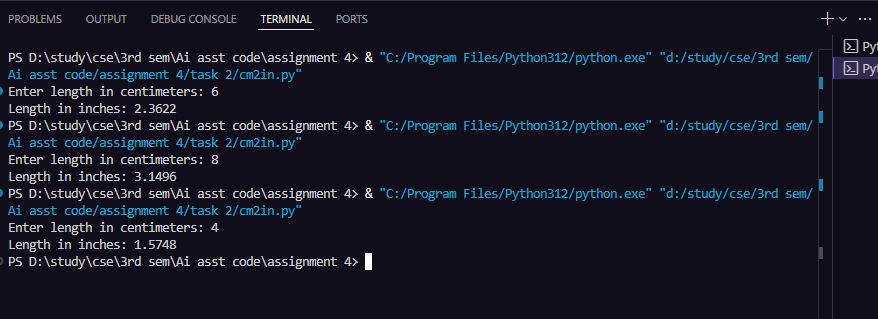
****

****

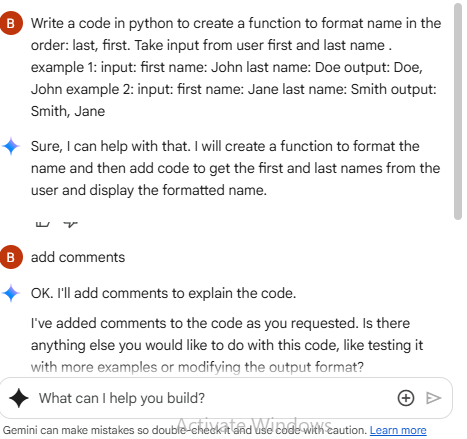
**Code:**

****

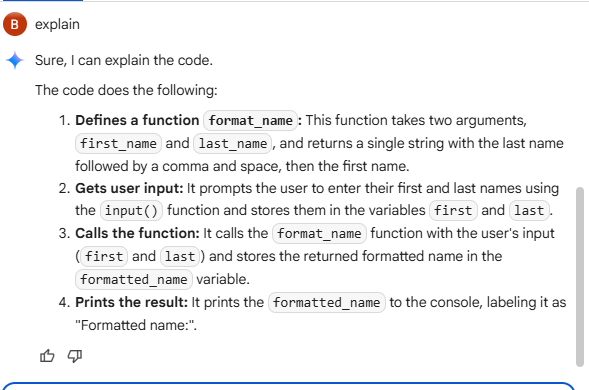
**Output:**

****

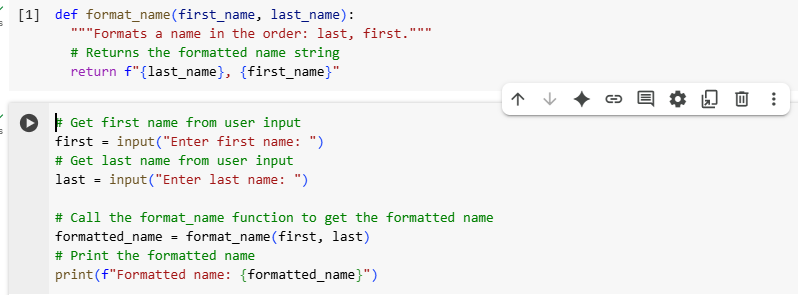
**Task 3: prompt:**

****

**Explanation;**

****

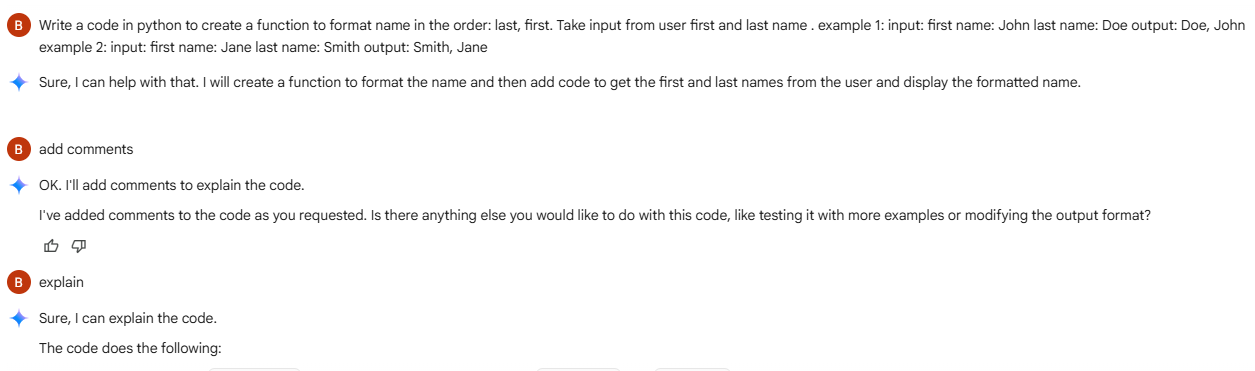
**Code:**

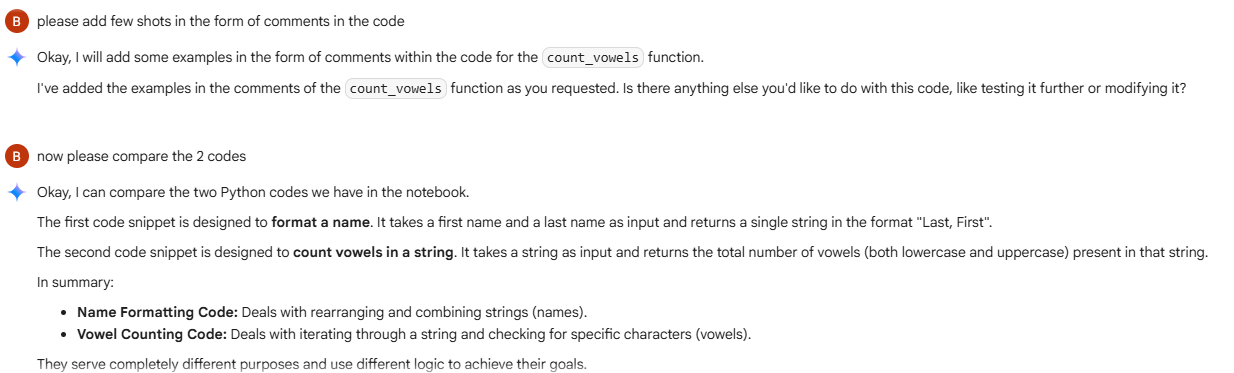
****

**Output:**

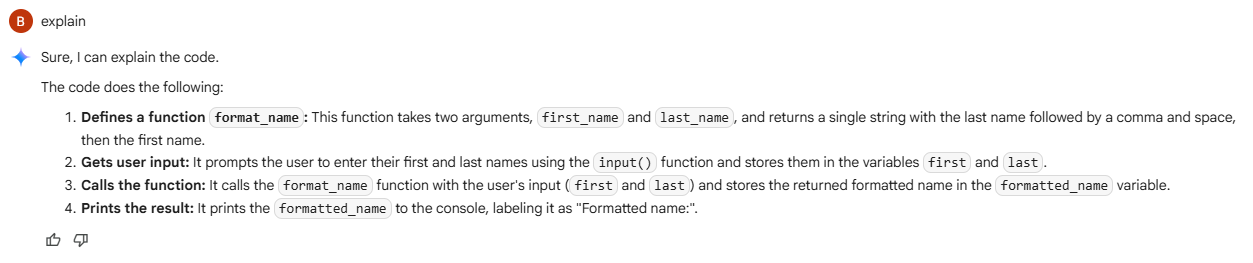
****

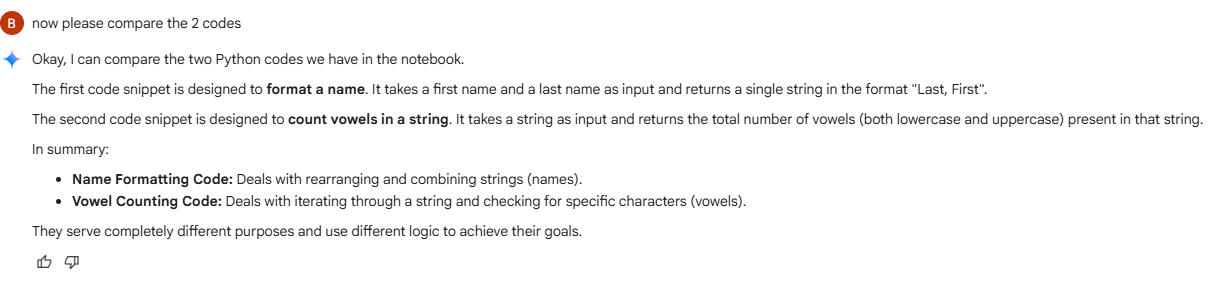
**Task4: prompt:**

****

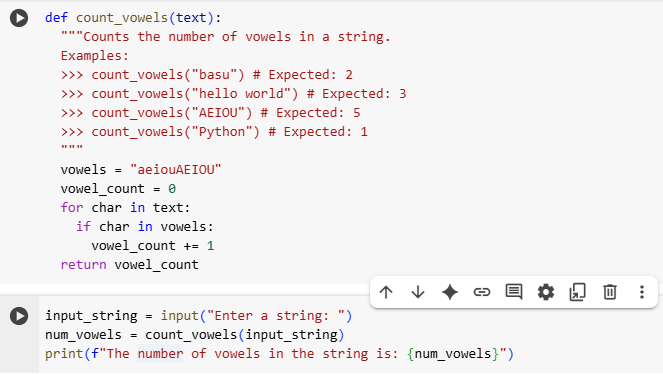
****

**Explanation:**

****

****

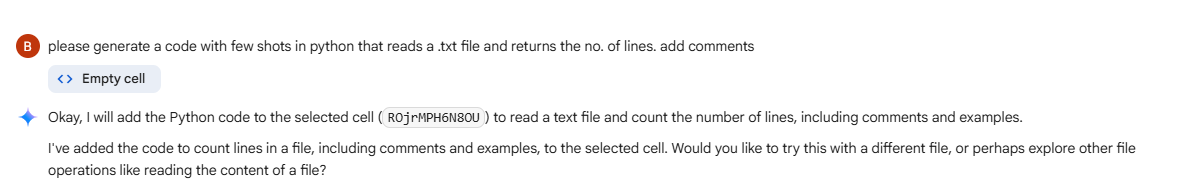
**Code:**

****

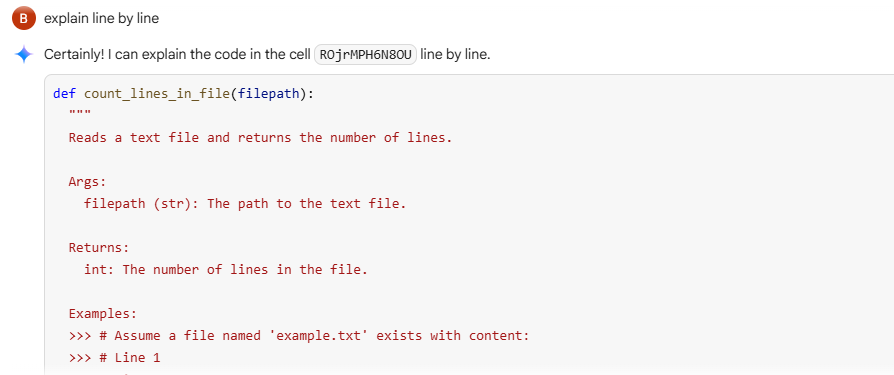
**Output:**

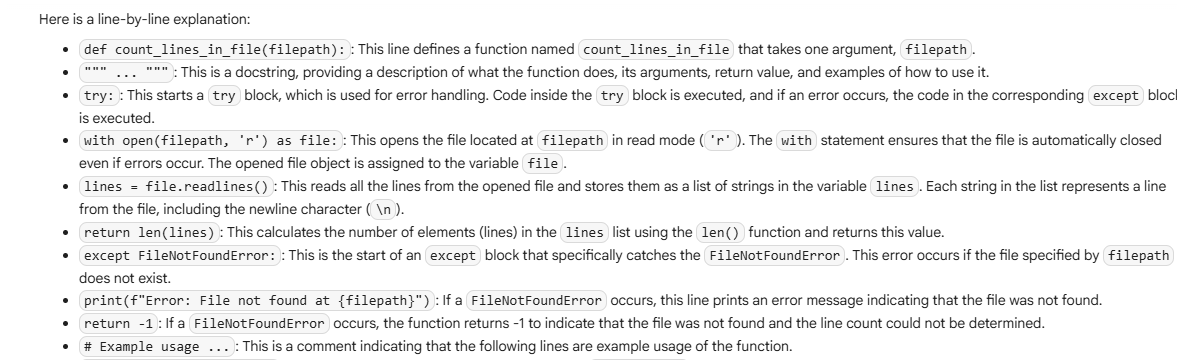
****

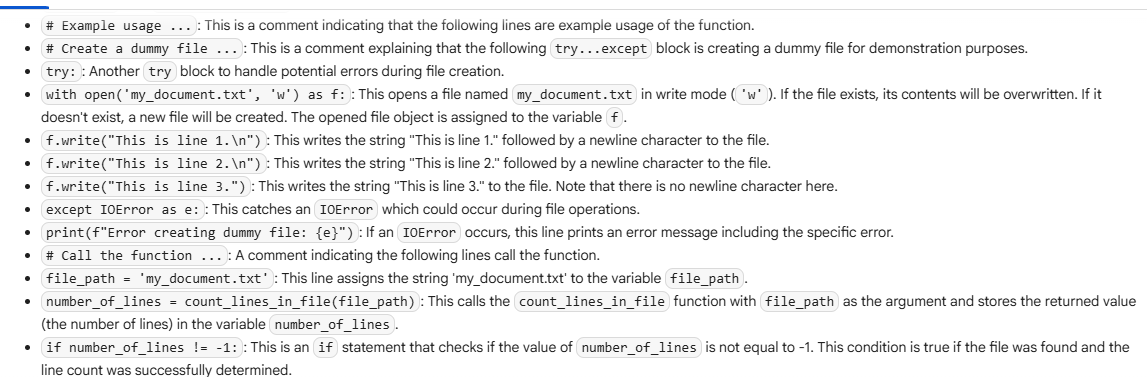
**Task 5: prompt:**

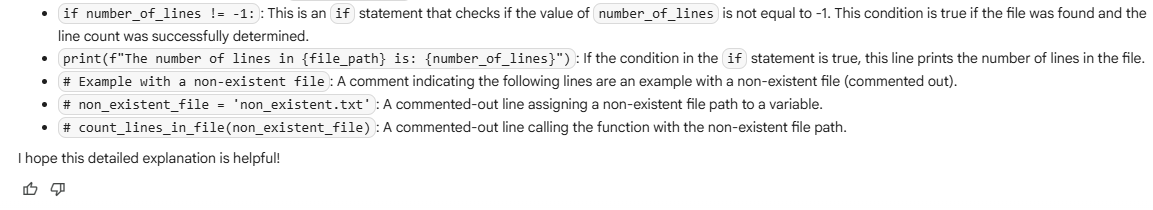
****

**Explanation:**

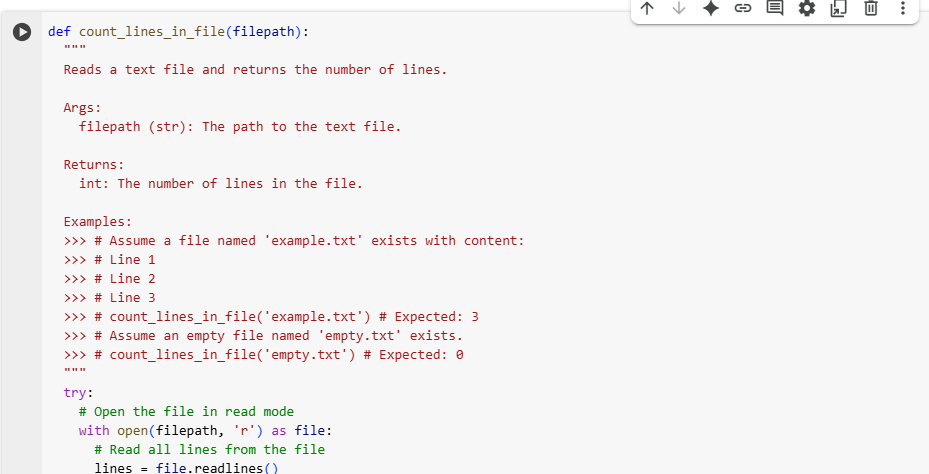
****

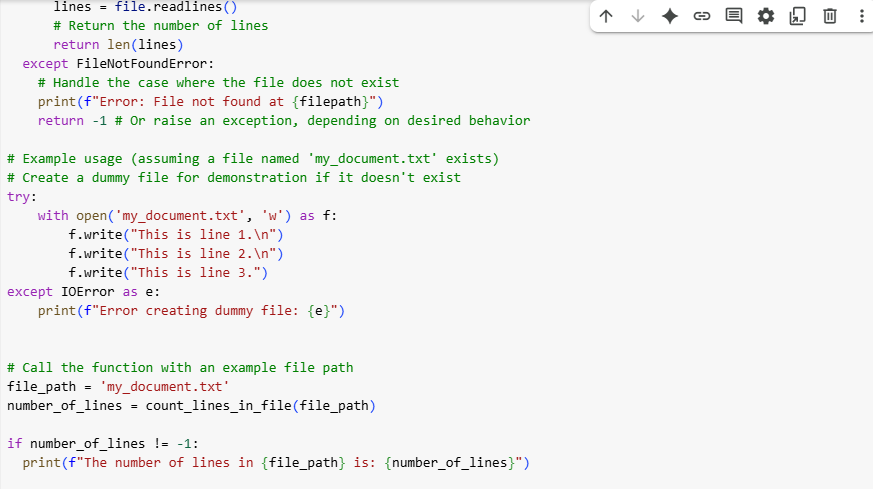
****

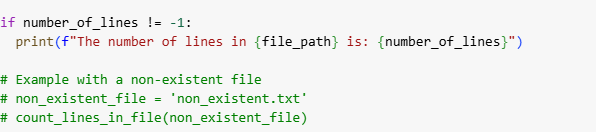
****

****

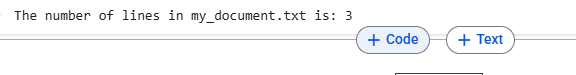
**Code:**

****

****

****

**Output:**

****