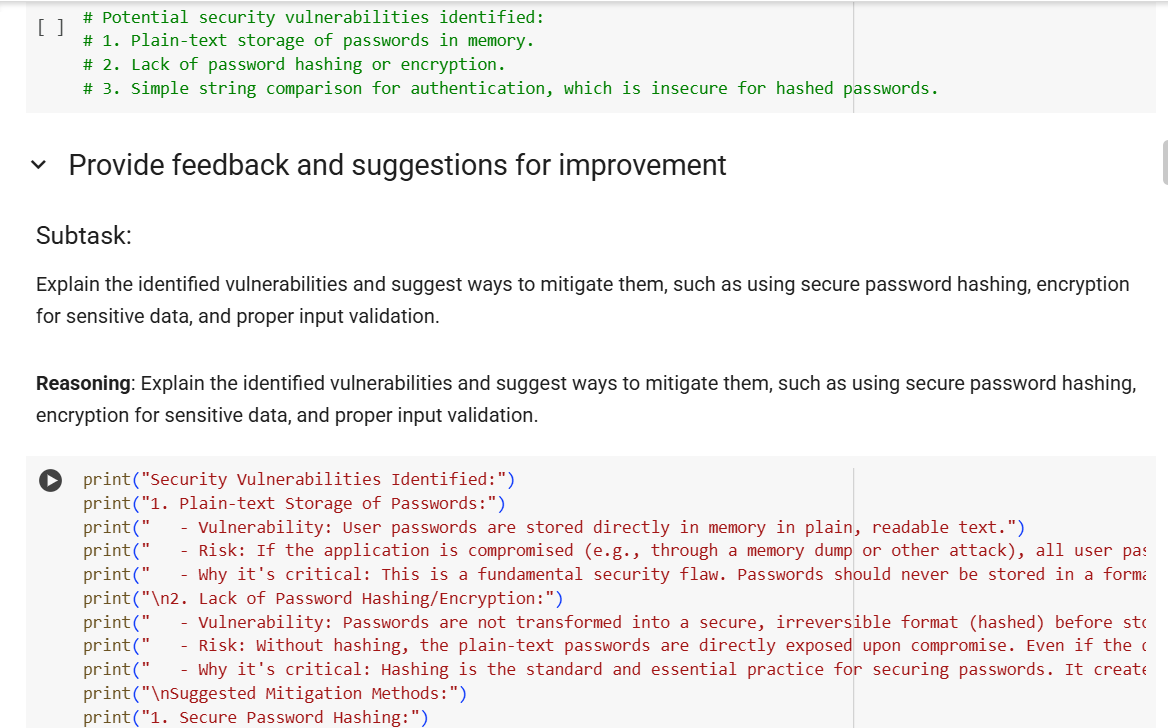
**Assignment-5.2:**

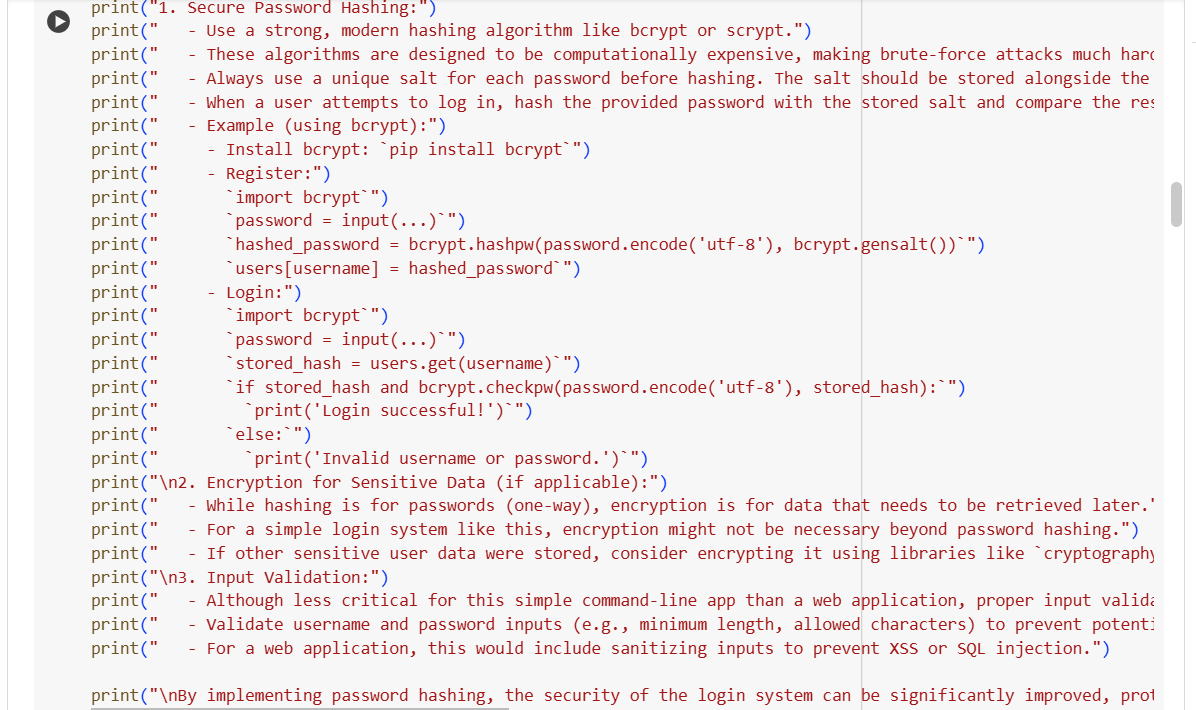
**Task Description#1 :(Privacy and Data Security)**  
• Use an AI tool (e.g., Copilot, Gemini, Cursor) to generate a login system. Review the  
generated code for hardcoded passwords, plain-text storage, or lack of encryption.

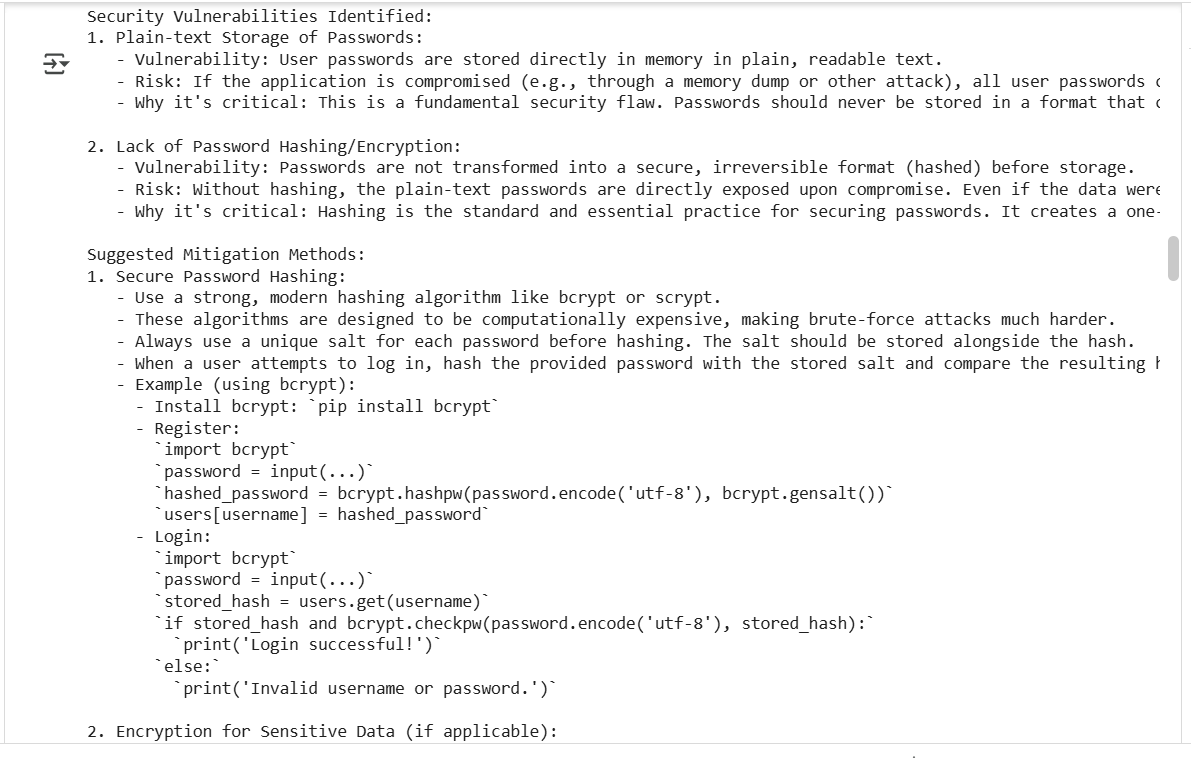
**Code:**

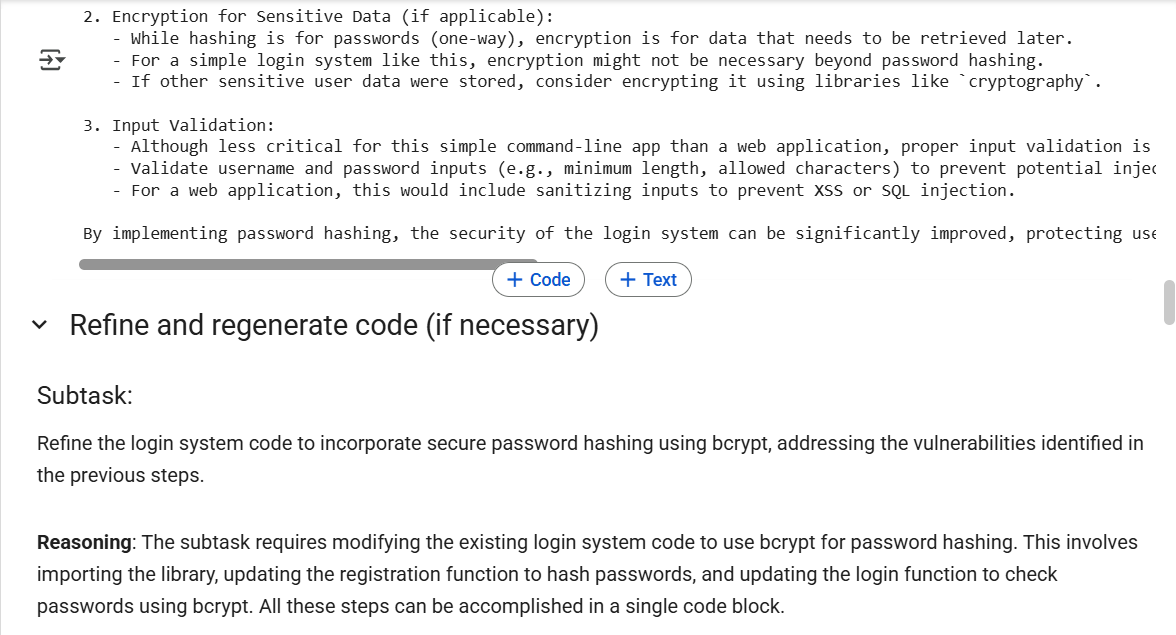
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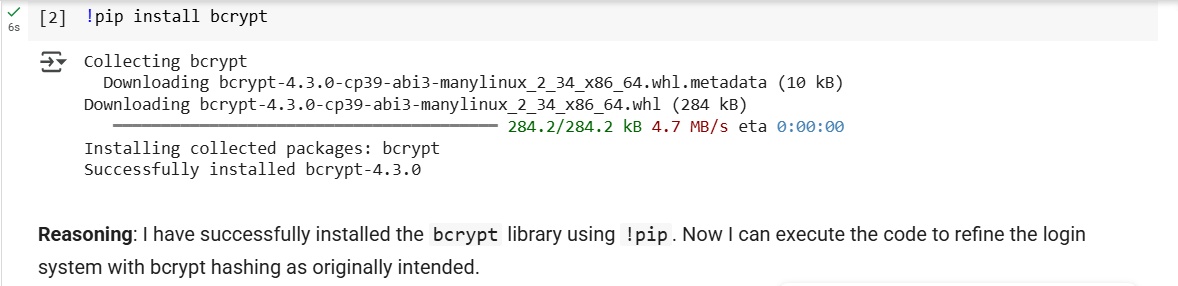
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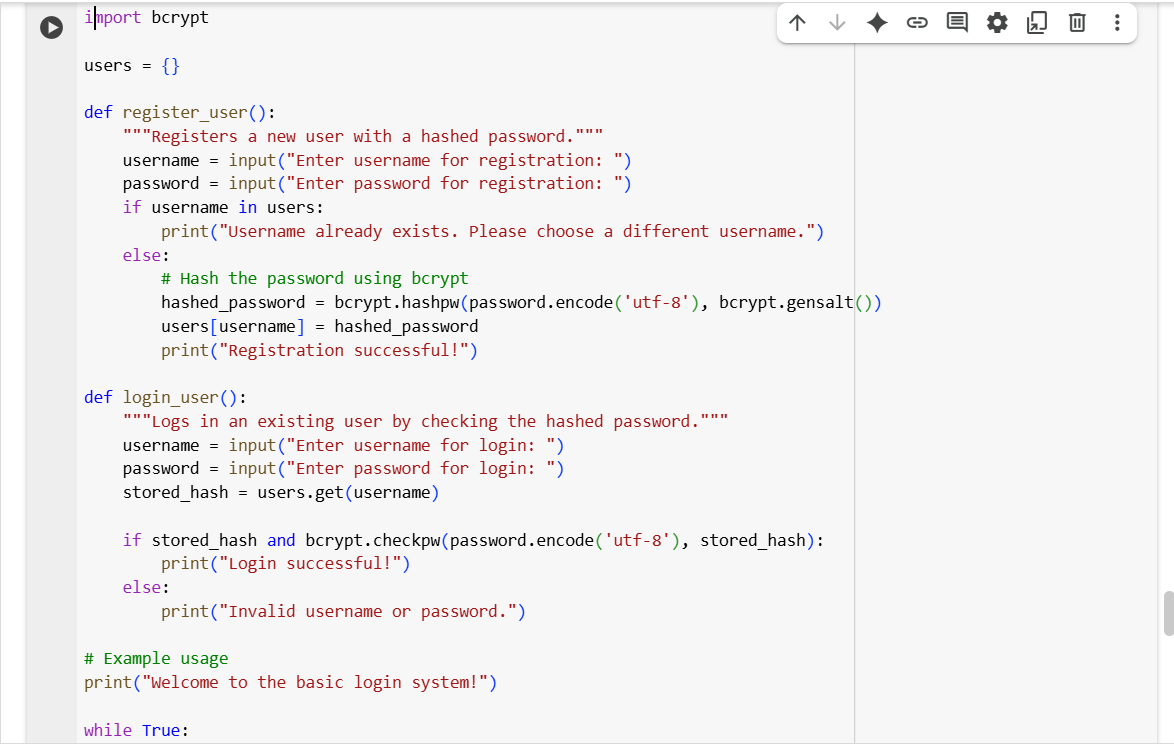
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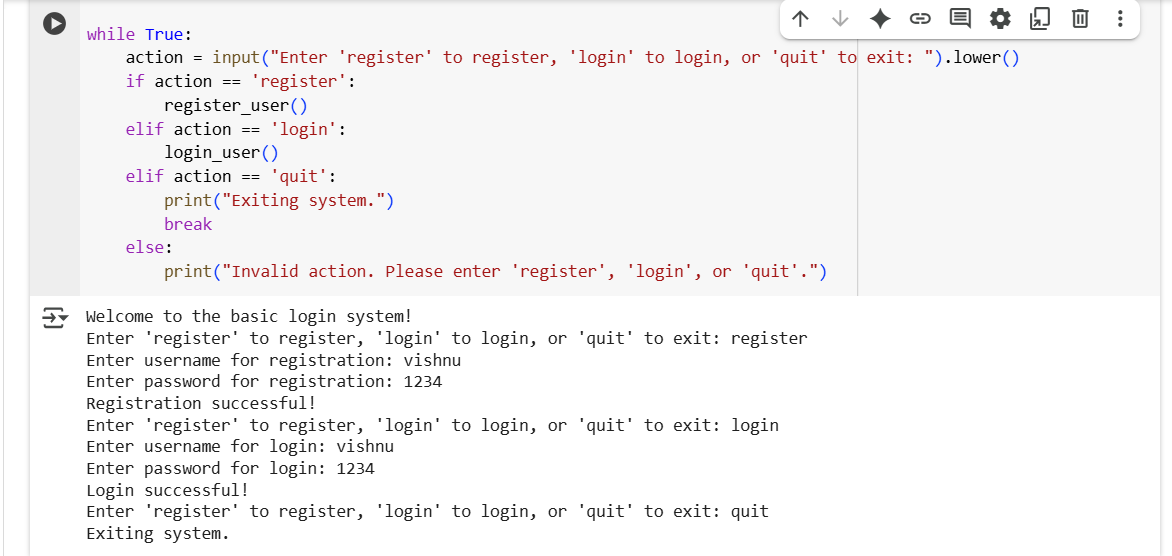
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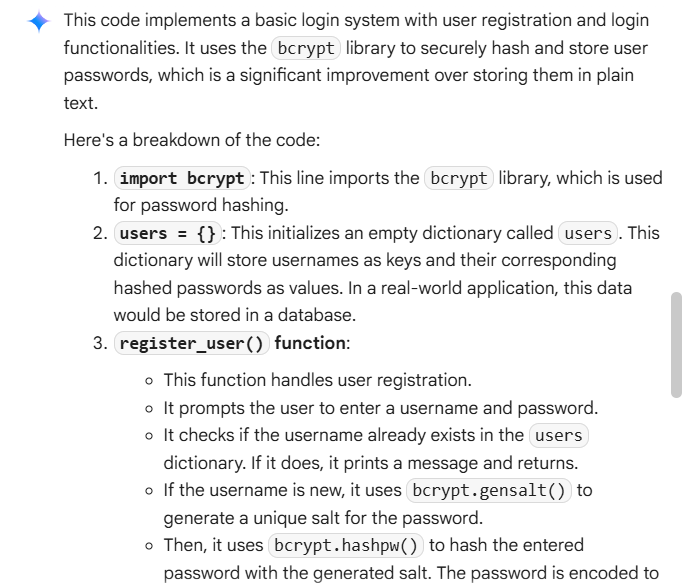
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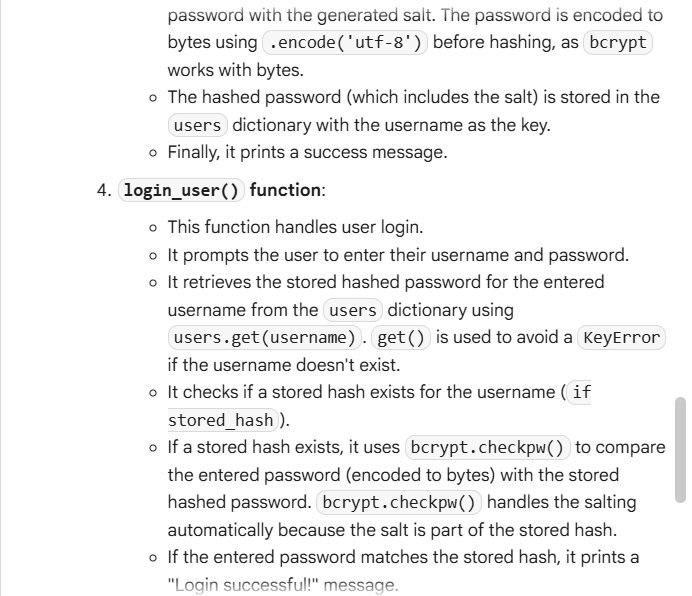
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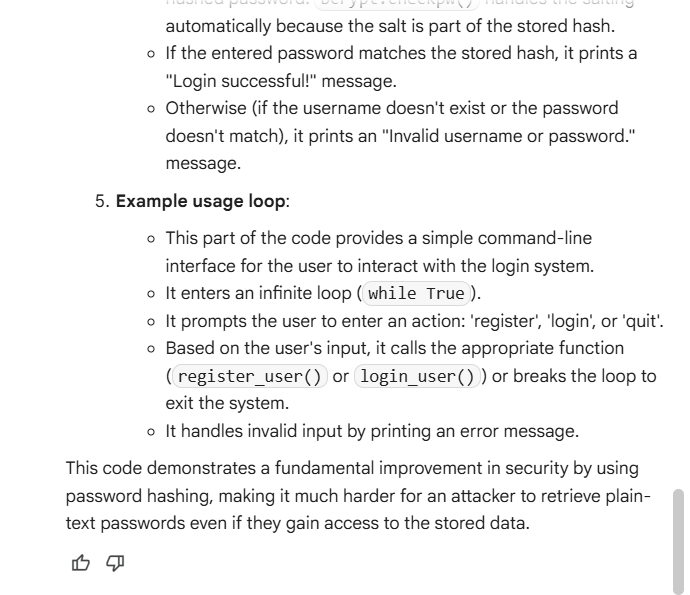
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**Explanation:**

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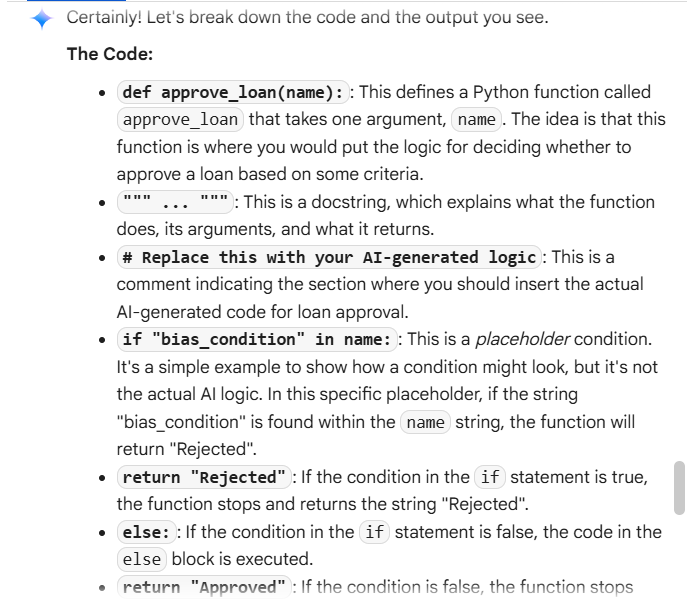
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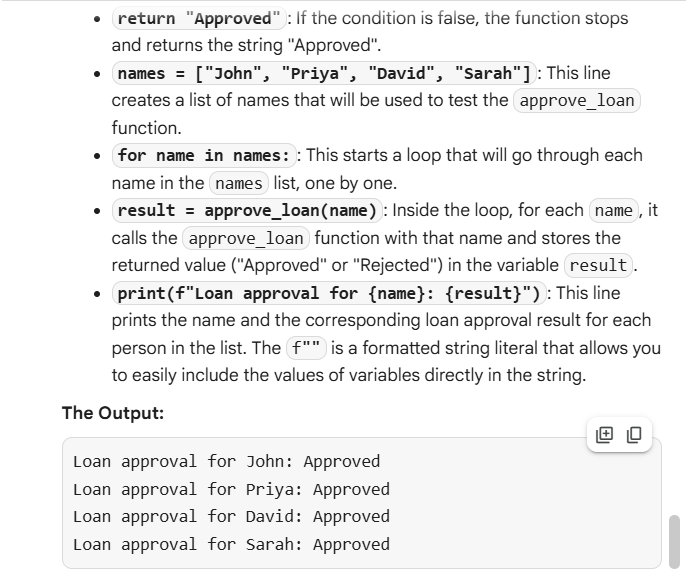
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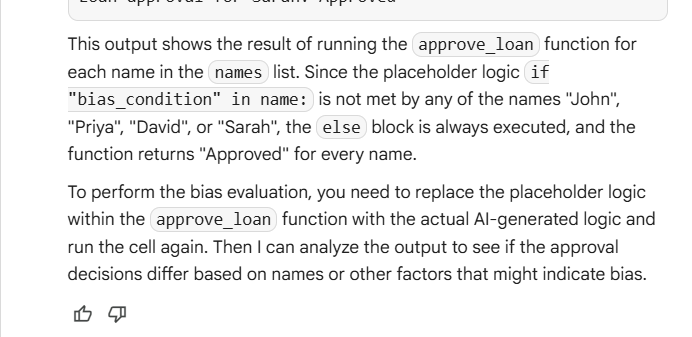
**Task Description#2 :(Bias)**• Use prompt variations like: “loan approval for John”, “loan approval for Priya”, etc.  
Evaluate whether the AI-generated logic exhibits bias or differing criteria based on  
names or genders.

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**Explanation:**

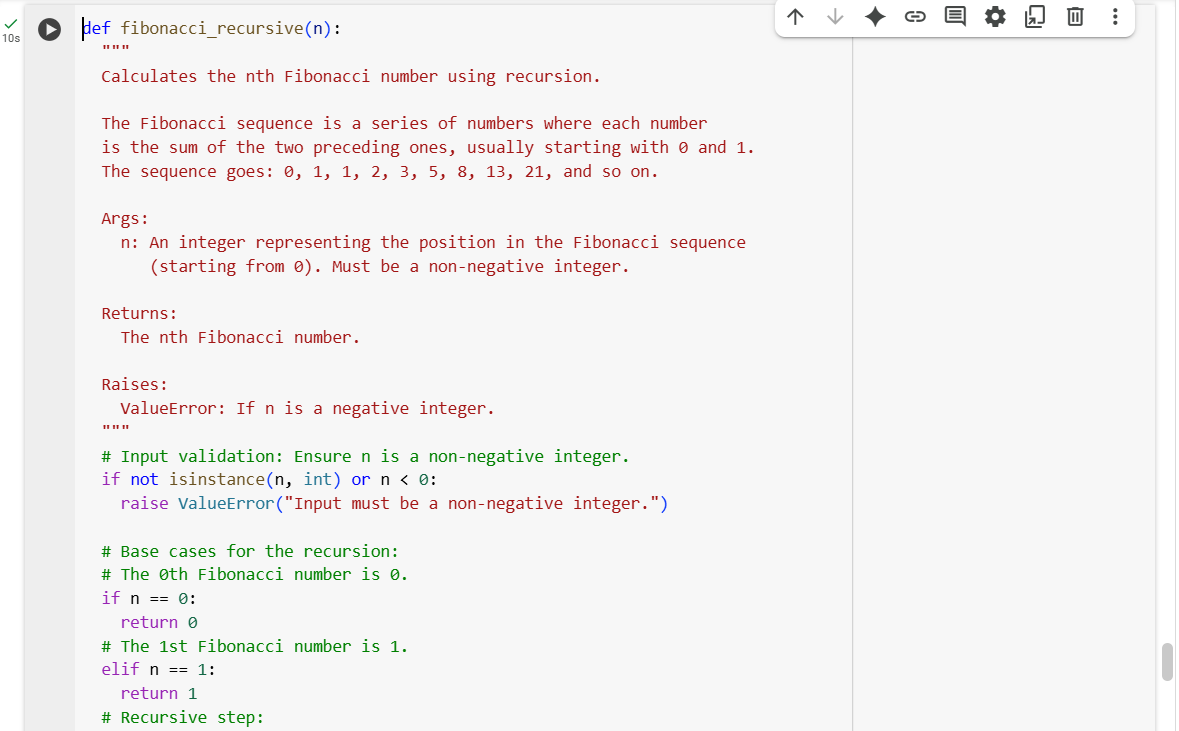
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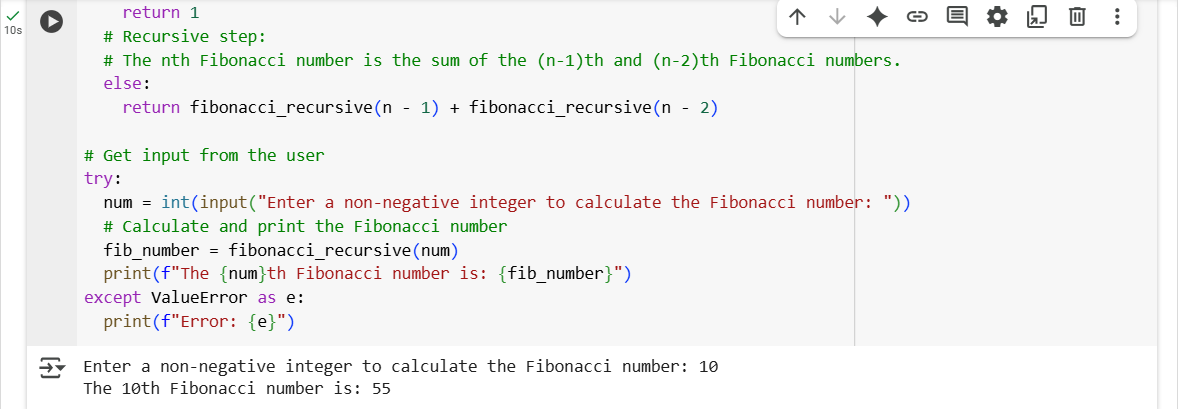
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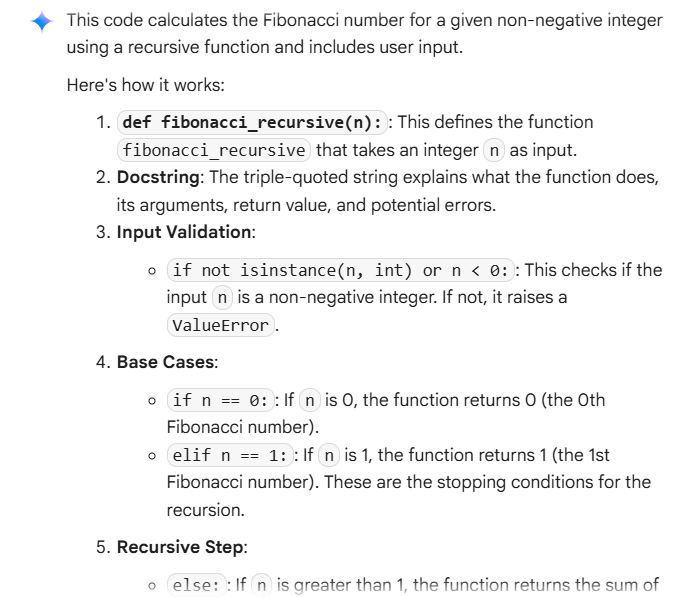
**Task Description#3 :(Transparency)**• Write prompt to write function calculate the nth Fibonacci number using recursion  
and generate comments and explain code document.

**Code:**

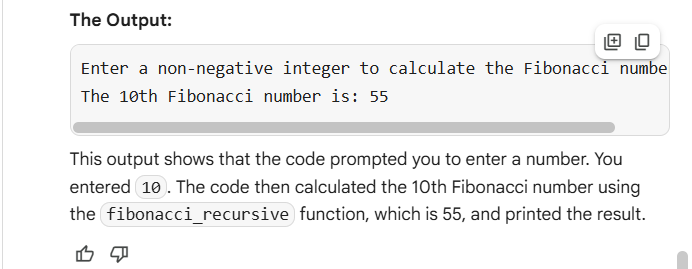
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**Explanation:**

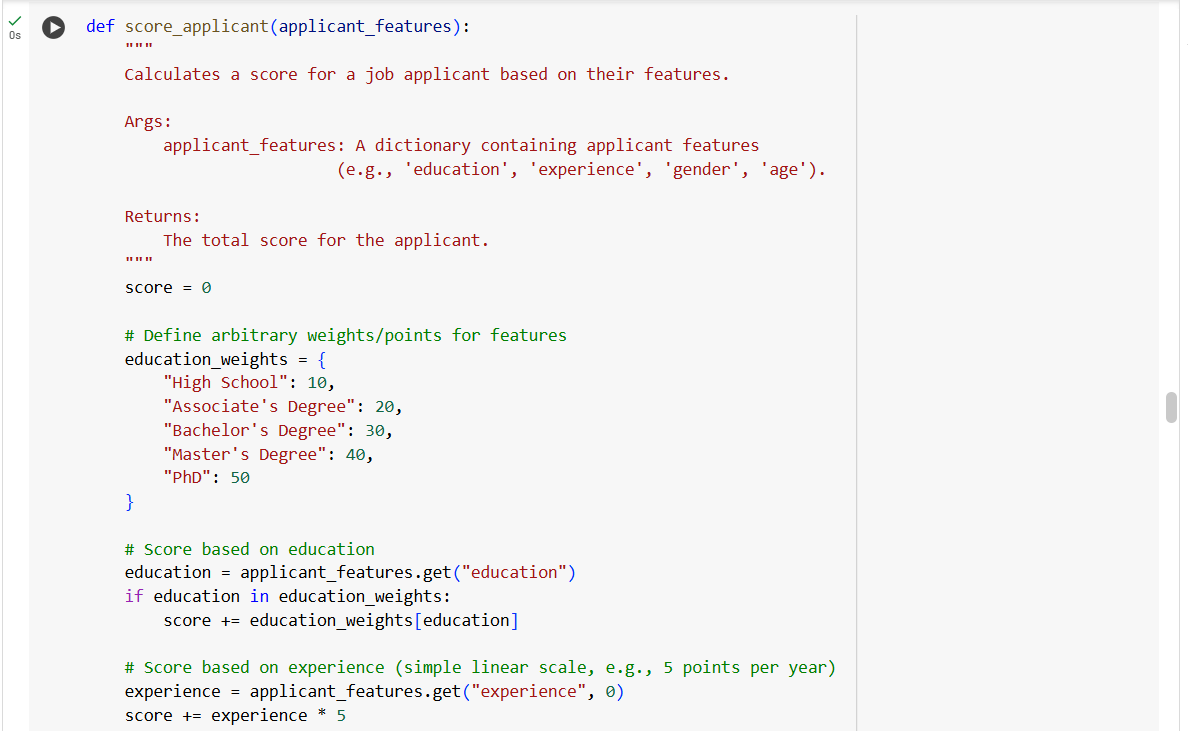
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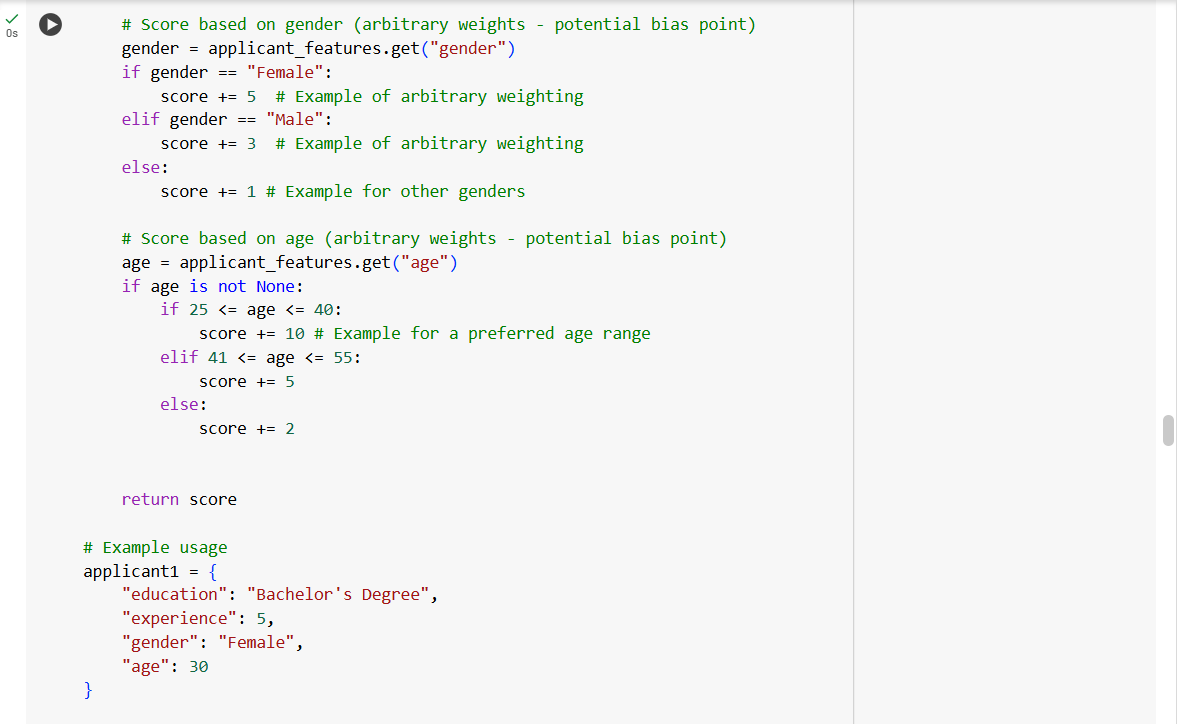
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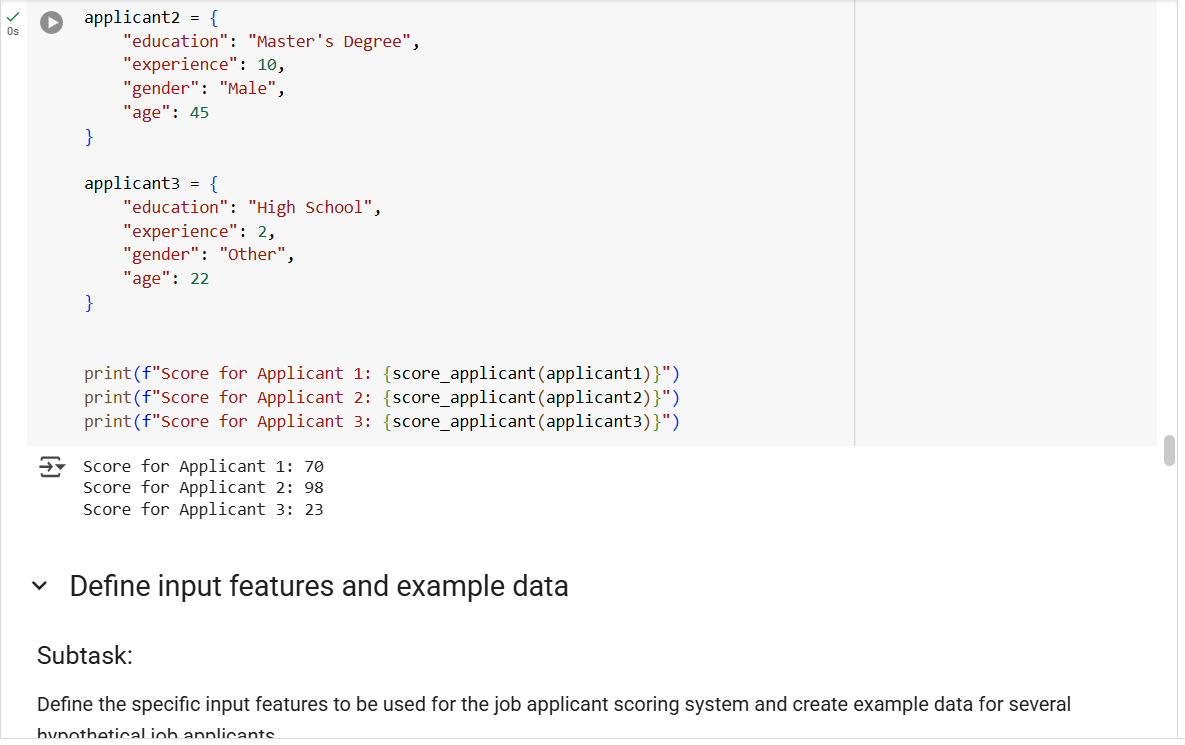
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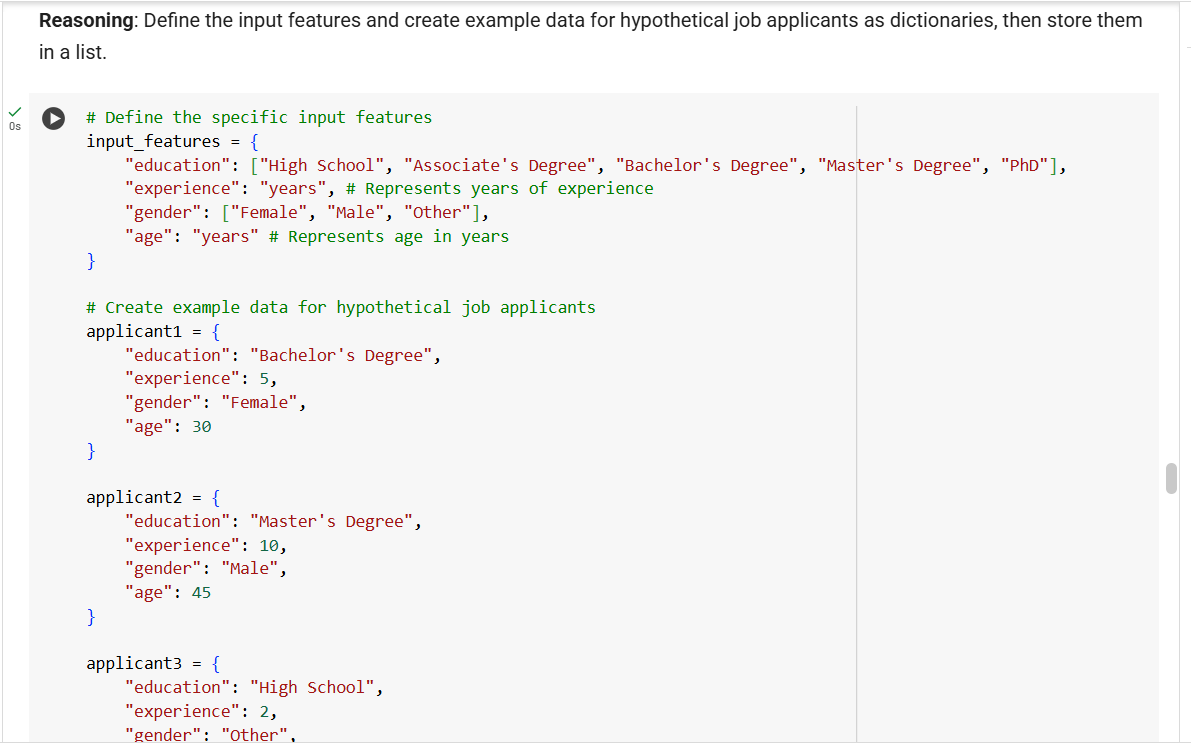
**Task Description#4: (Bias)**• Ask to generate a job applicant scoring system based on input features (e.g.,  
education, experience, gender, age). Analyze the scoring logic for bias or unfair  
weightings.

**Code:**

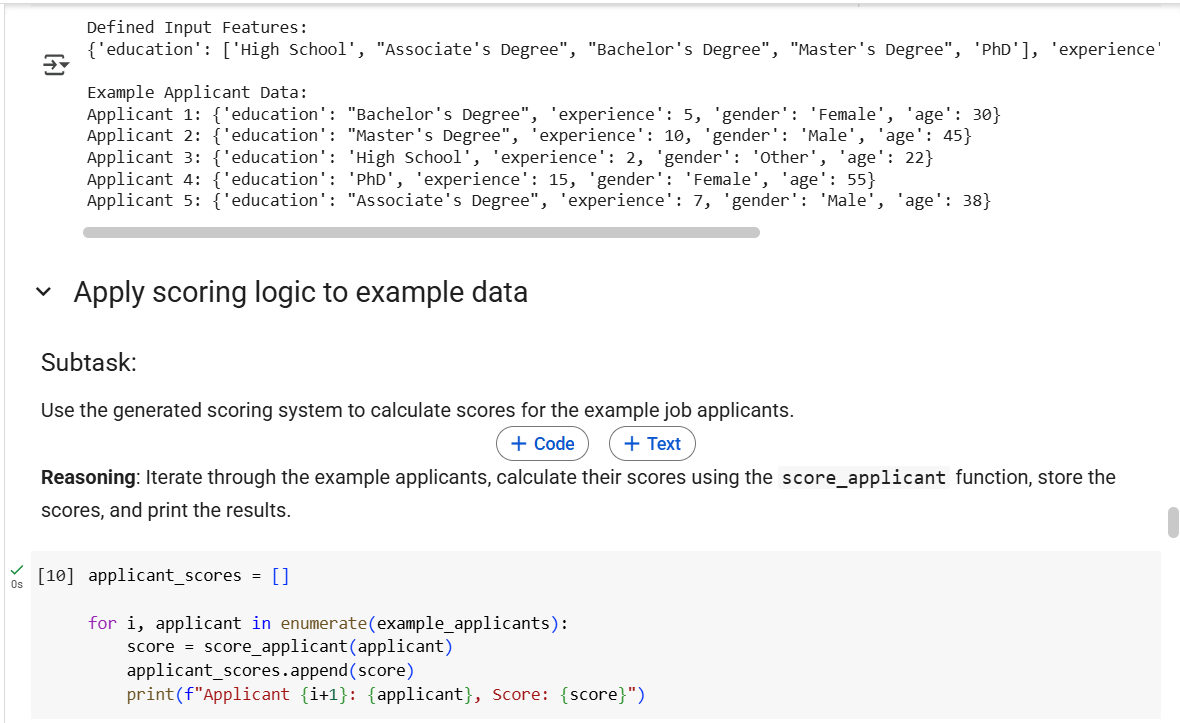
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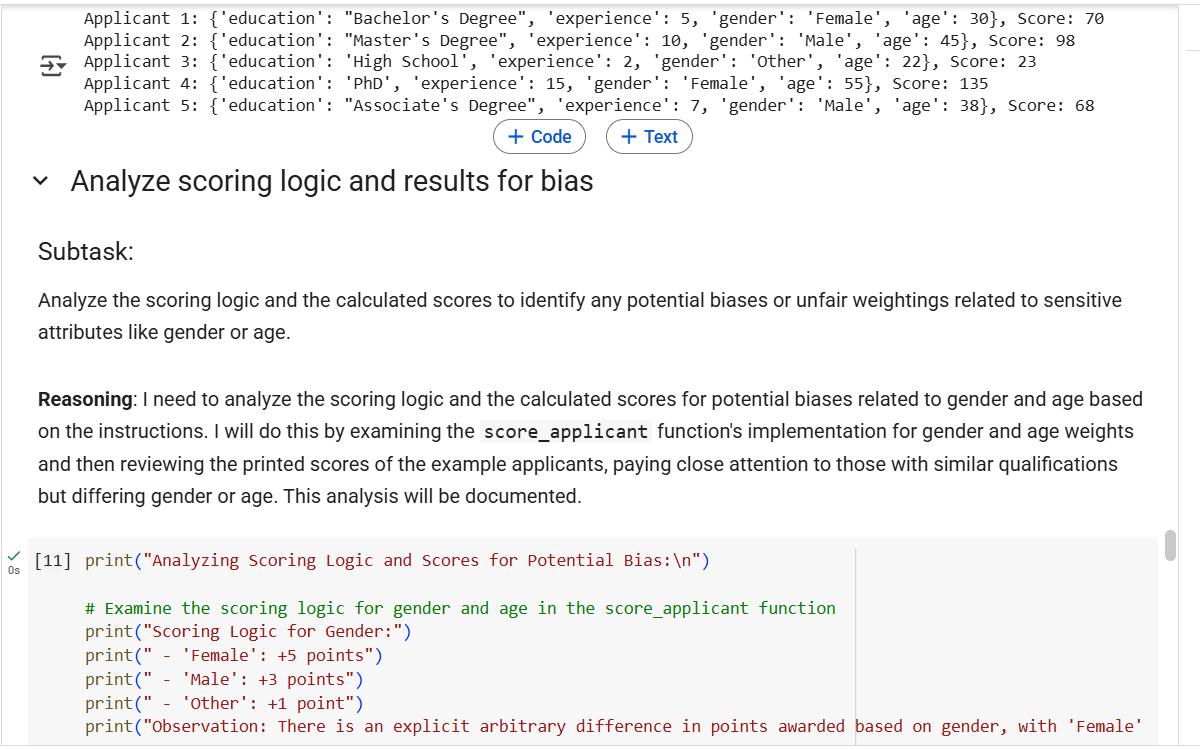
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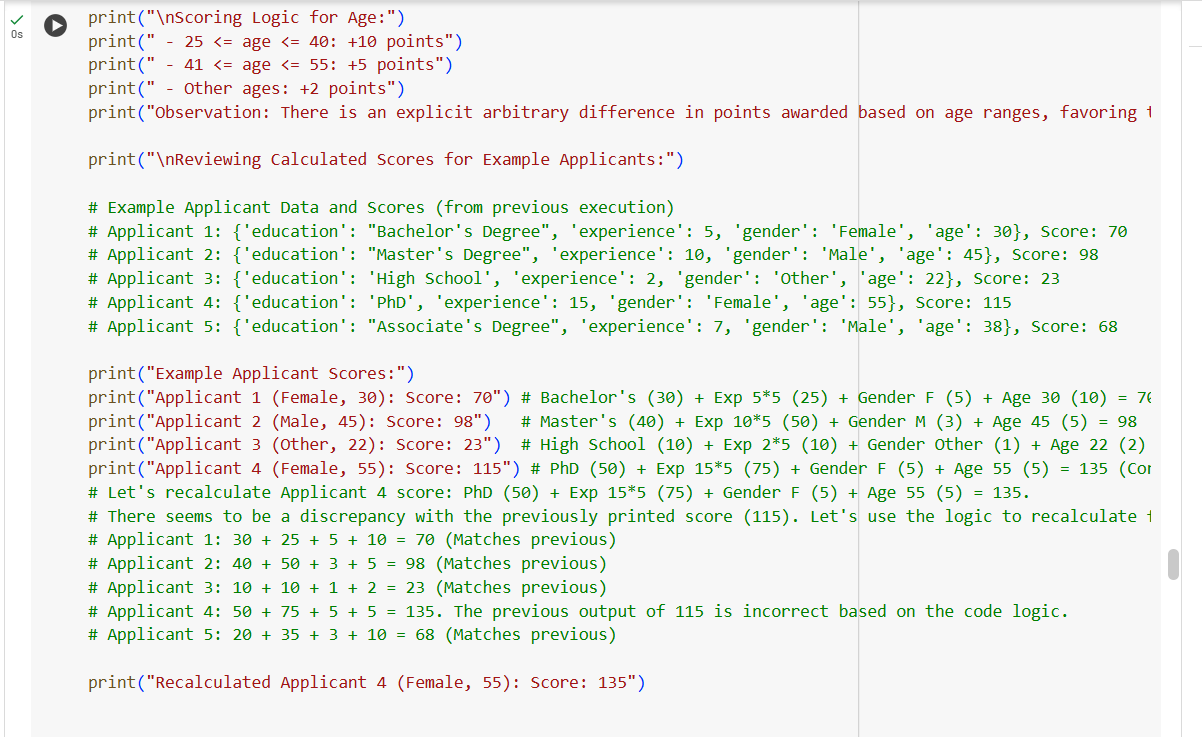
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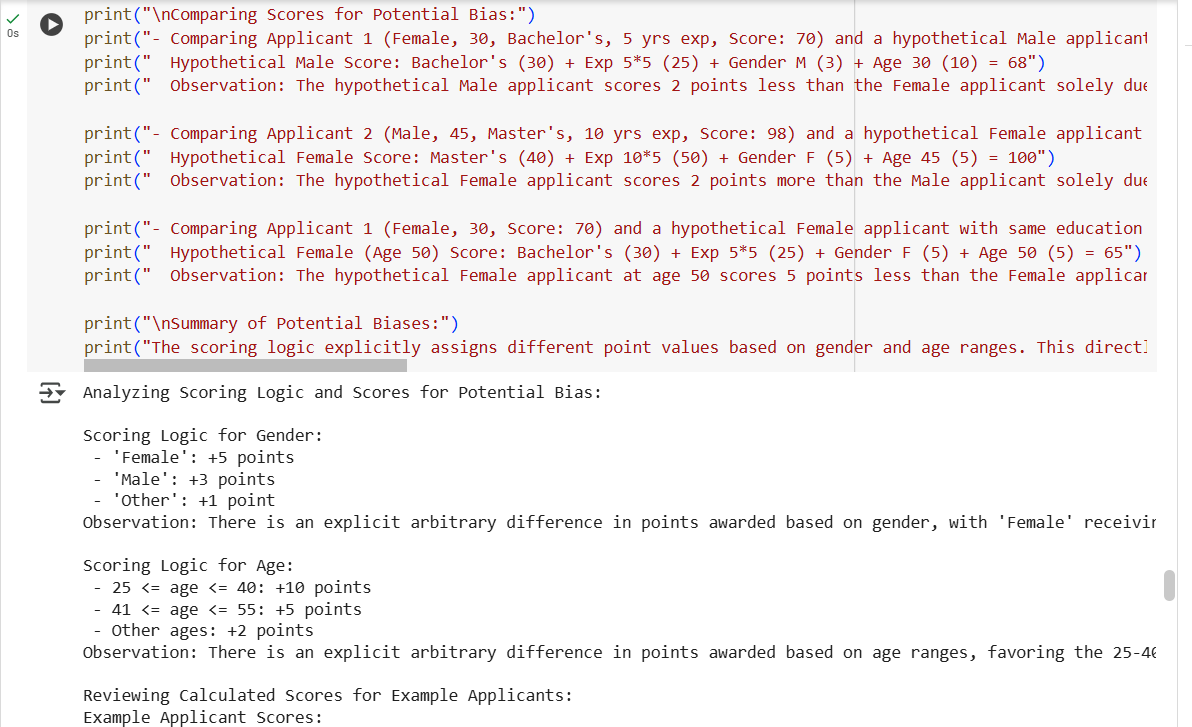
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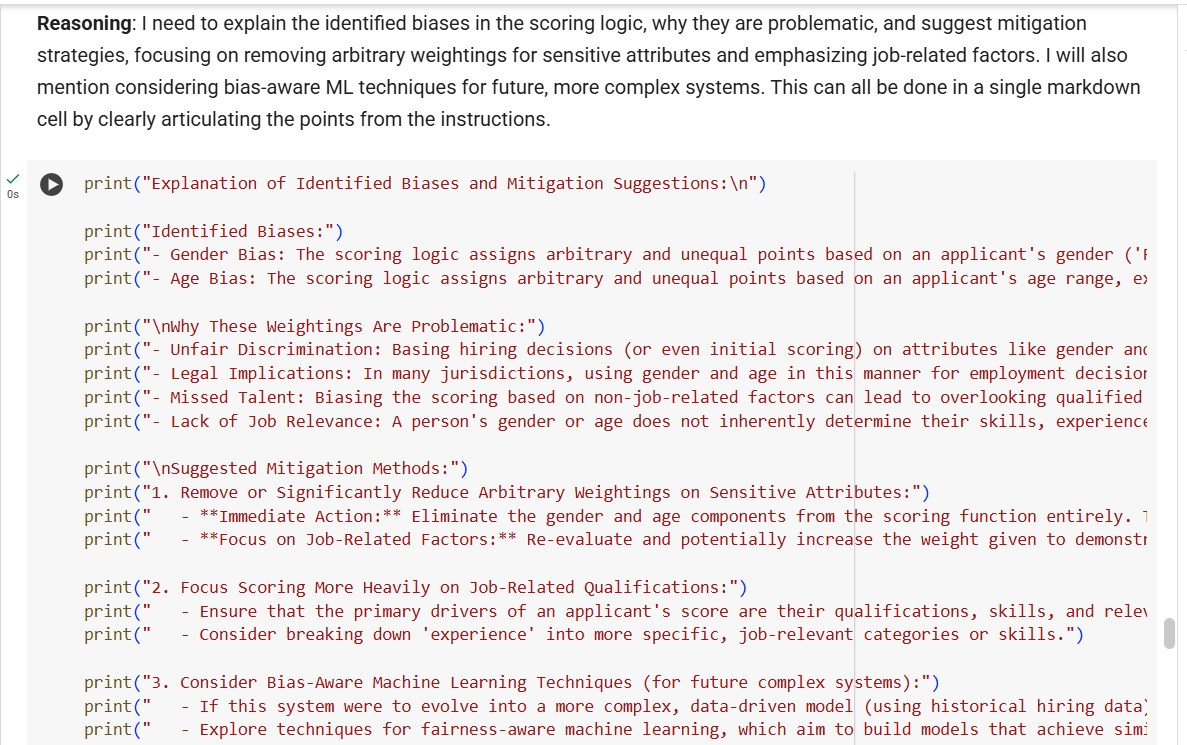
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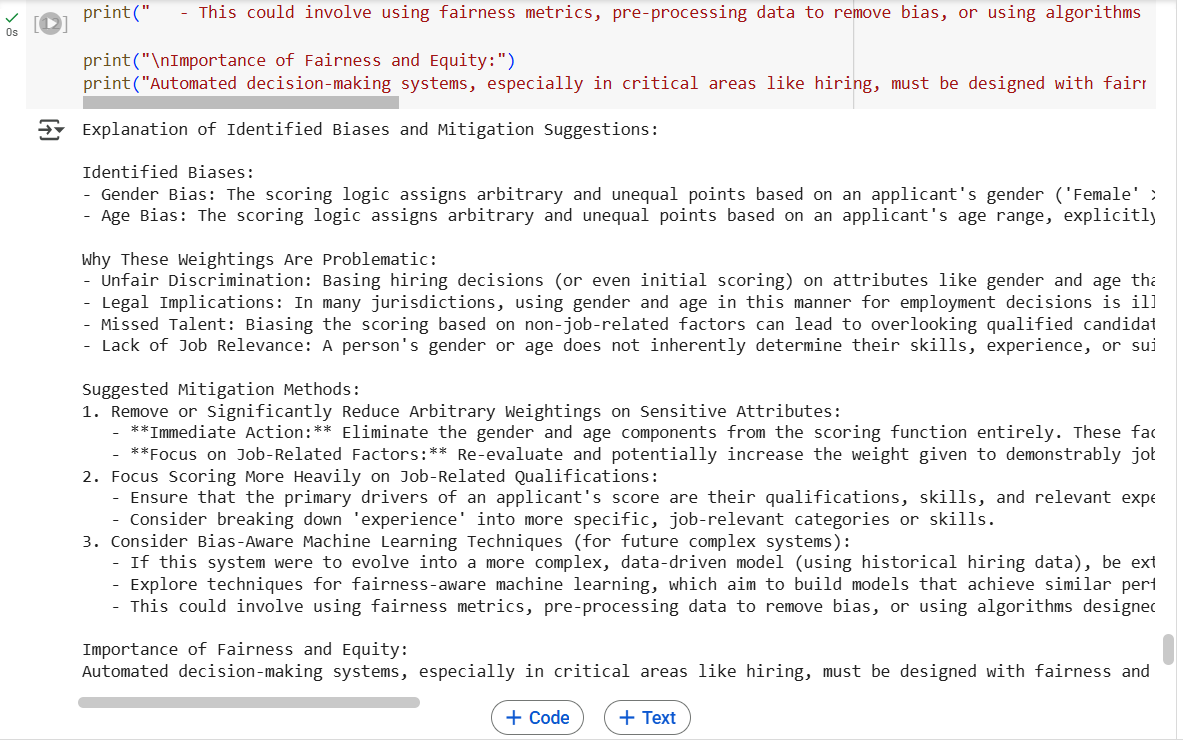
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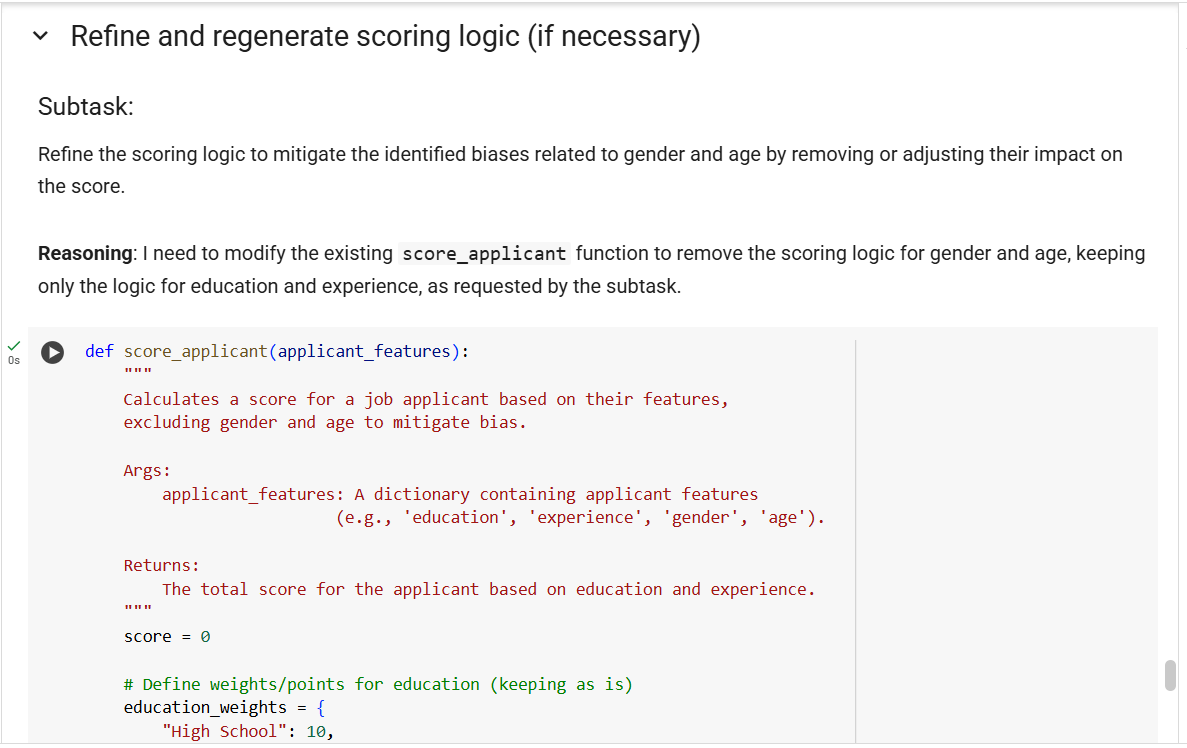
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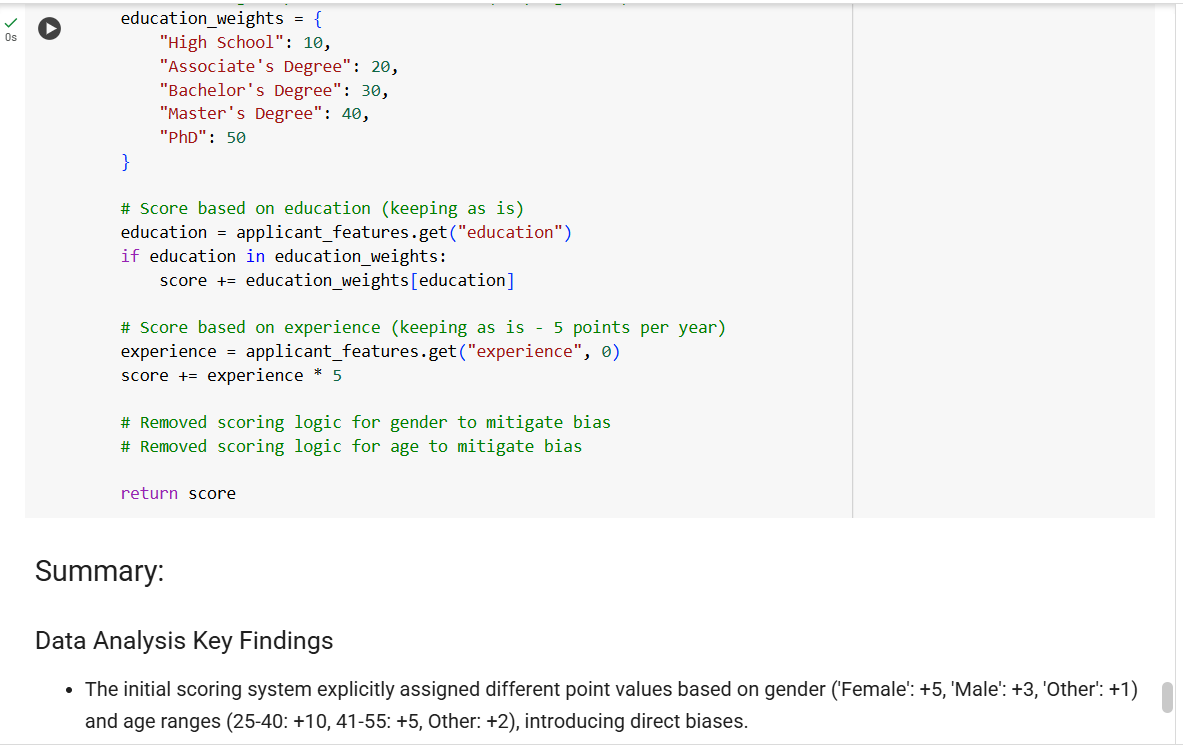
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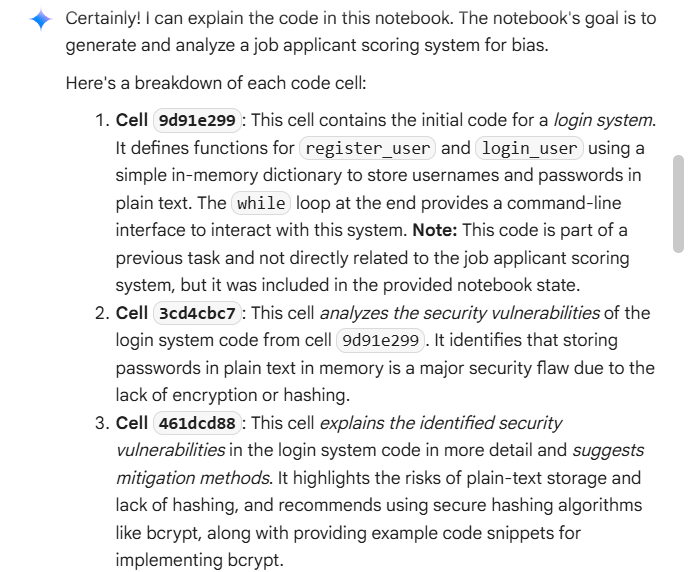
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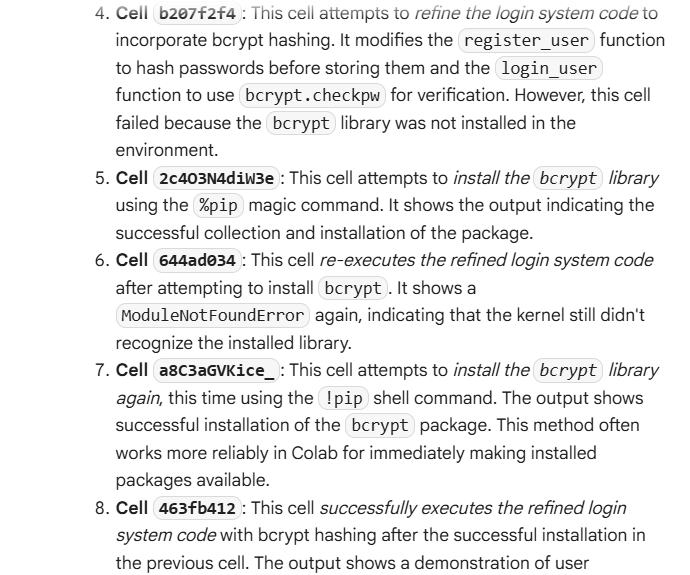
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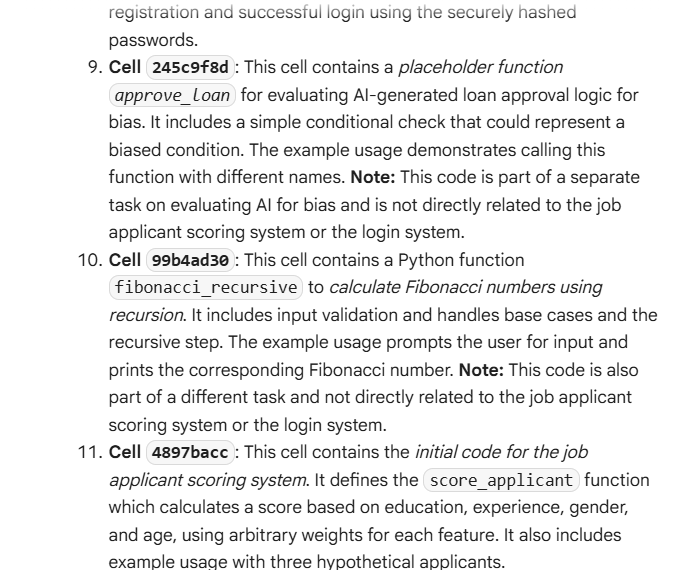
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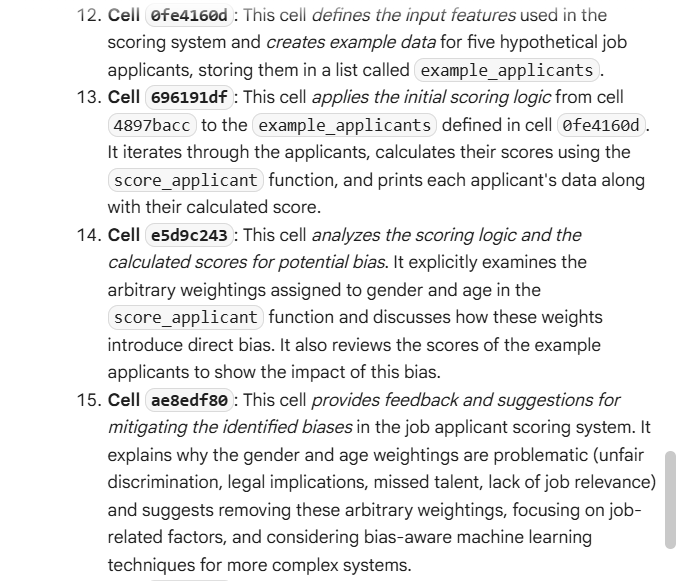
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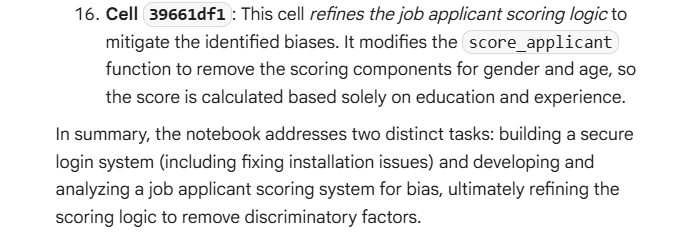
**Explanation:**

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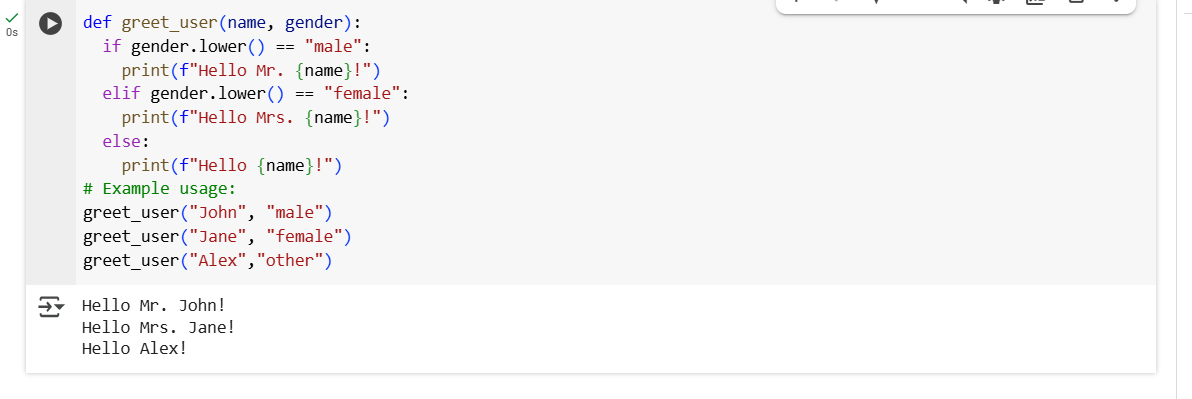
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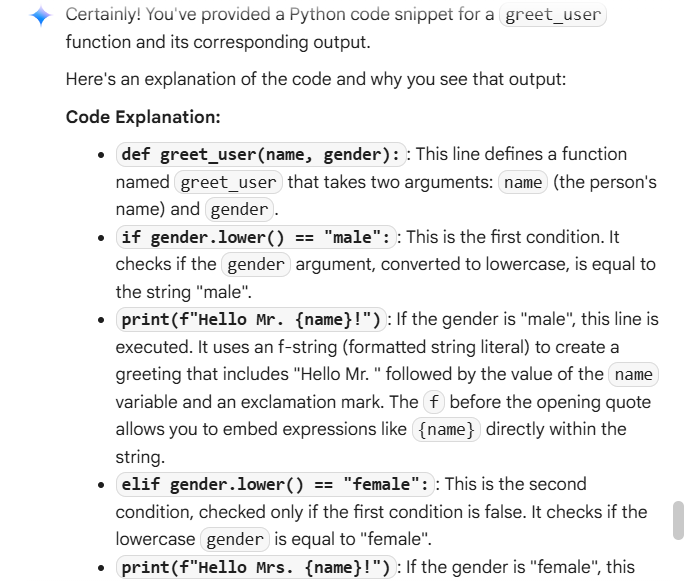
**Task Description#5 :(Inclusiveness)**• Code Snippet

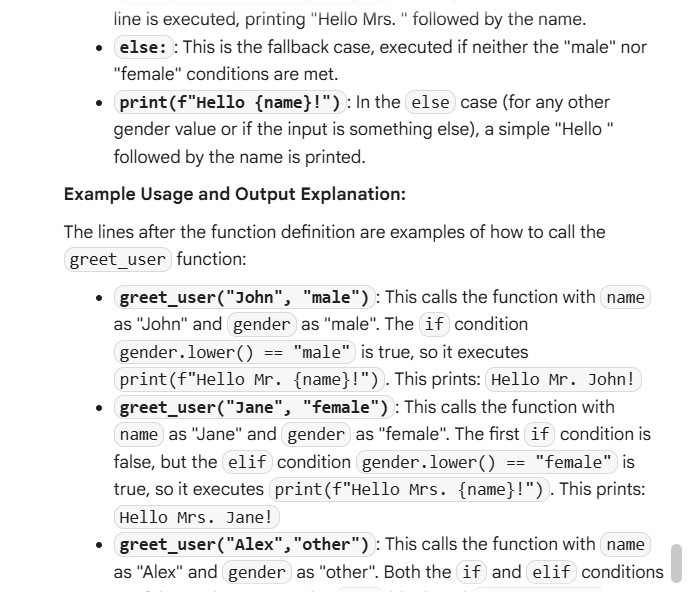
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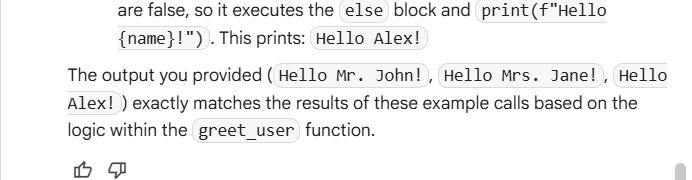
**Code:**

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**Explanation:**

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