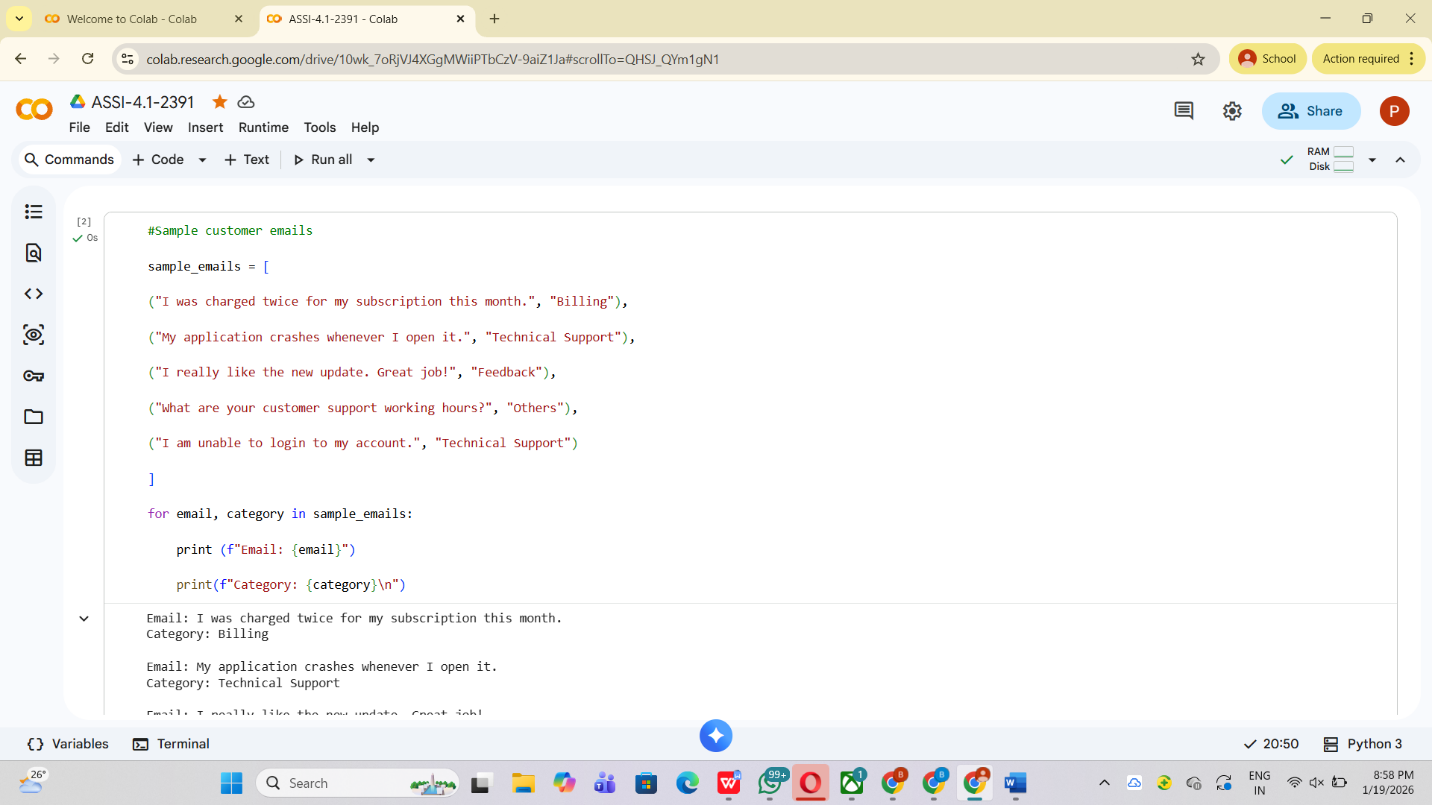
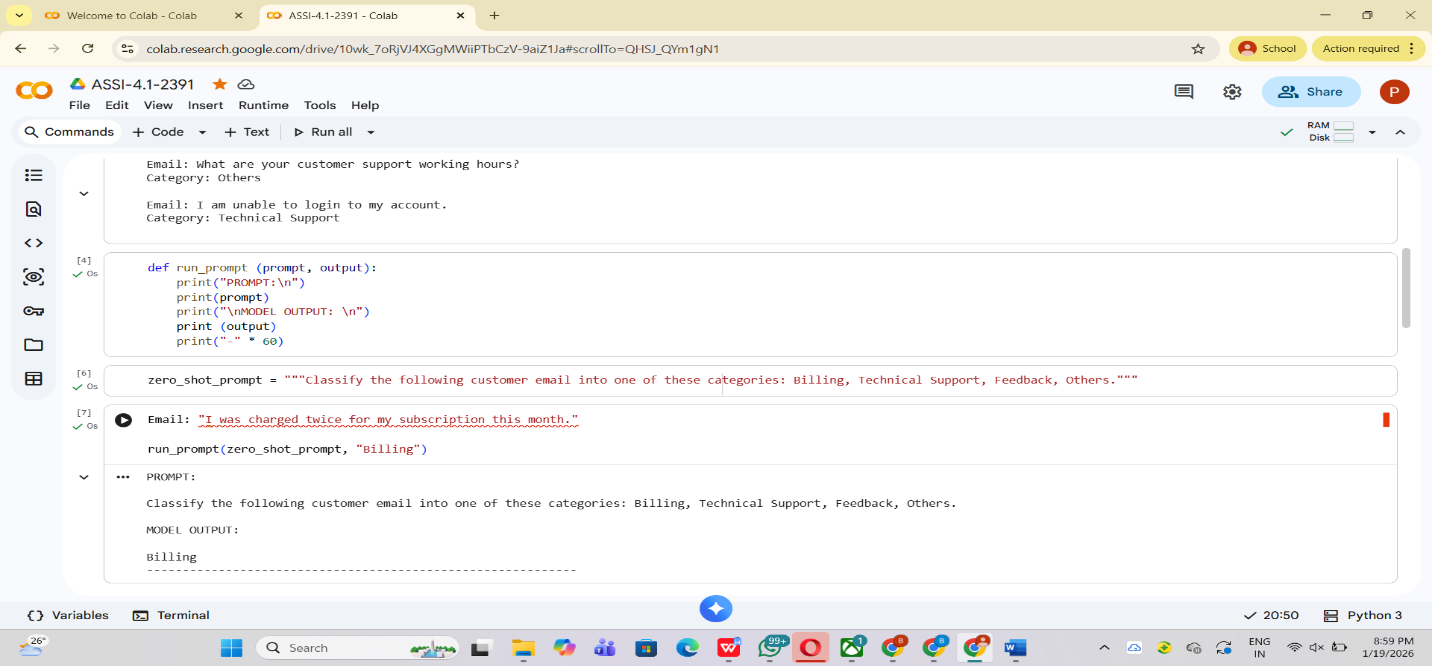
**Lab Assignment- 4.1**

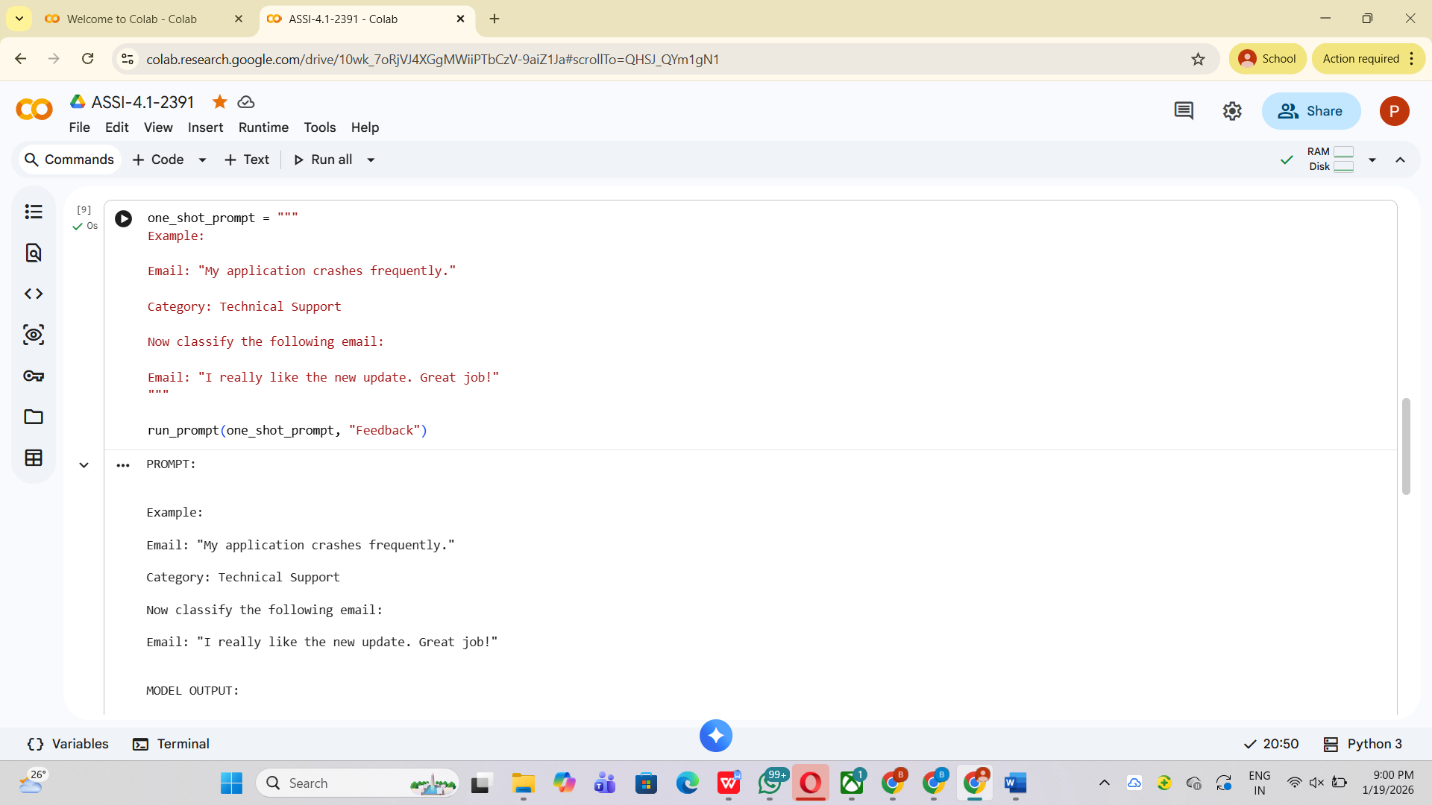
**Lab 4: Advanced Prompt Engineering – Zero-shot, One-shot, and Few-shot Techniques**

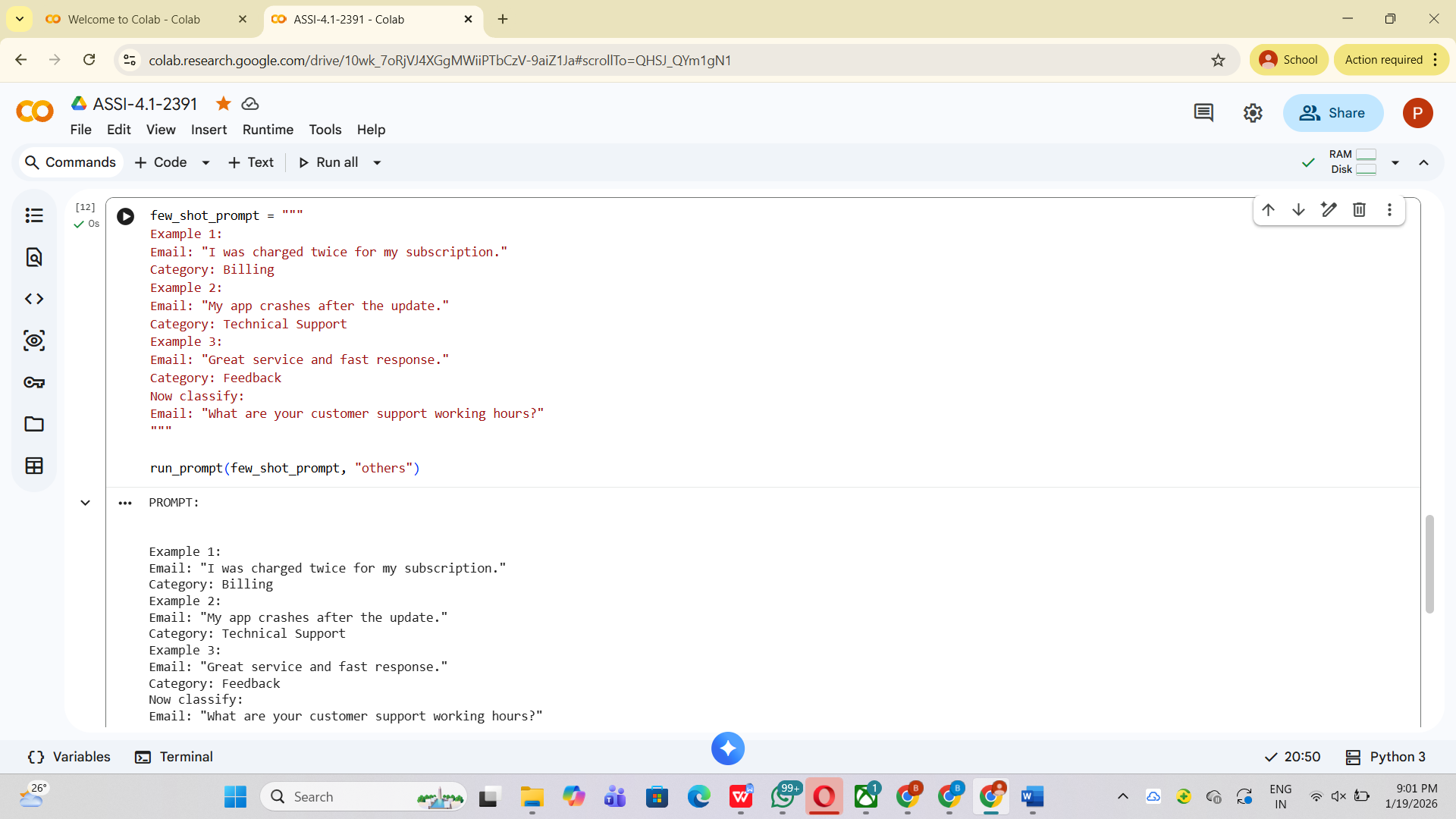
**AI Assisted Coding**

**P.BHARGAVI – 2303A52391**

**Problem Statement 1: Customer Email Classification**



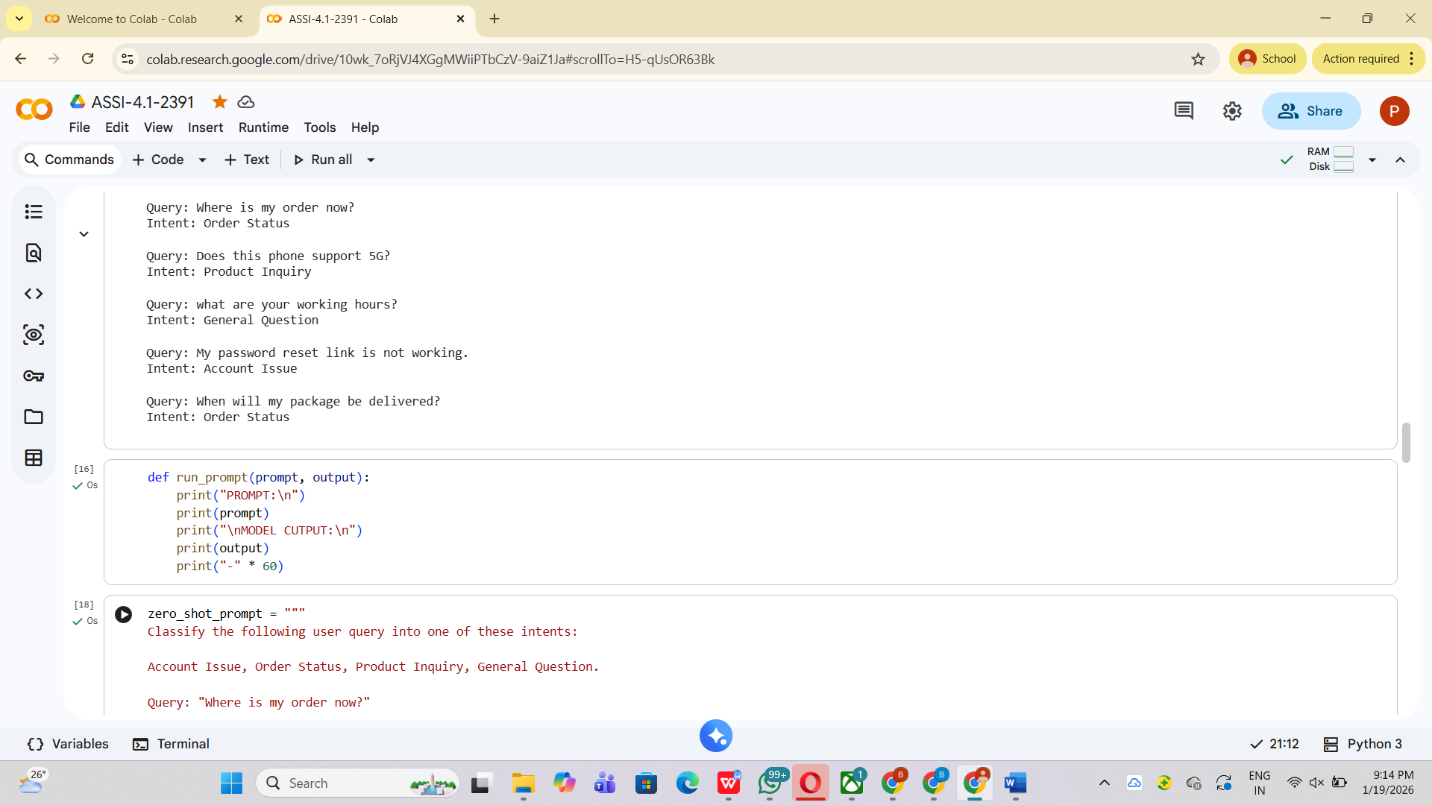
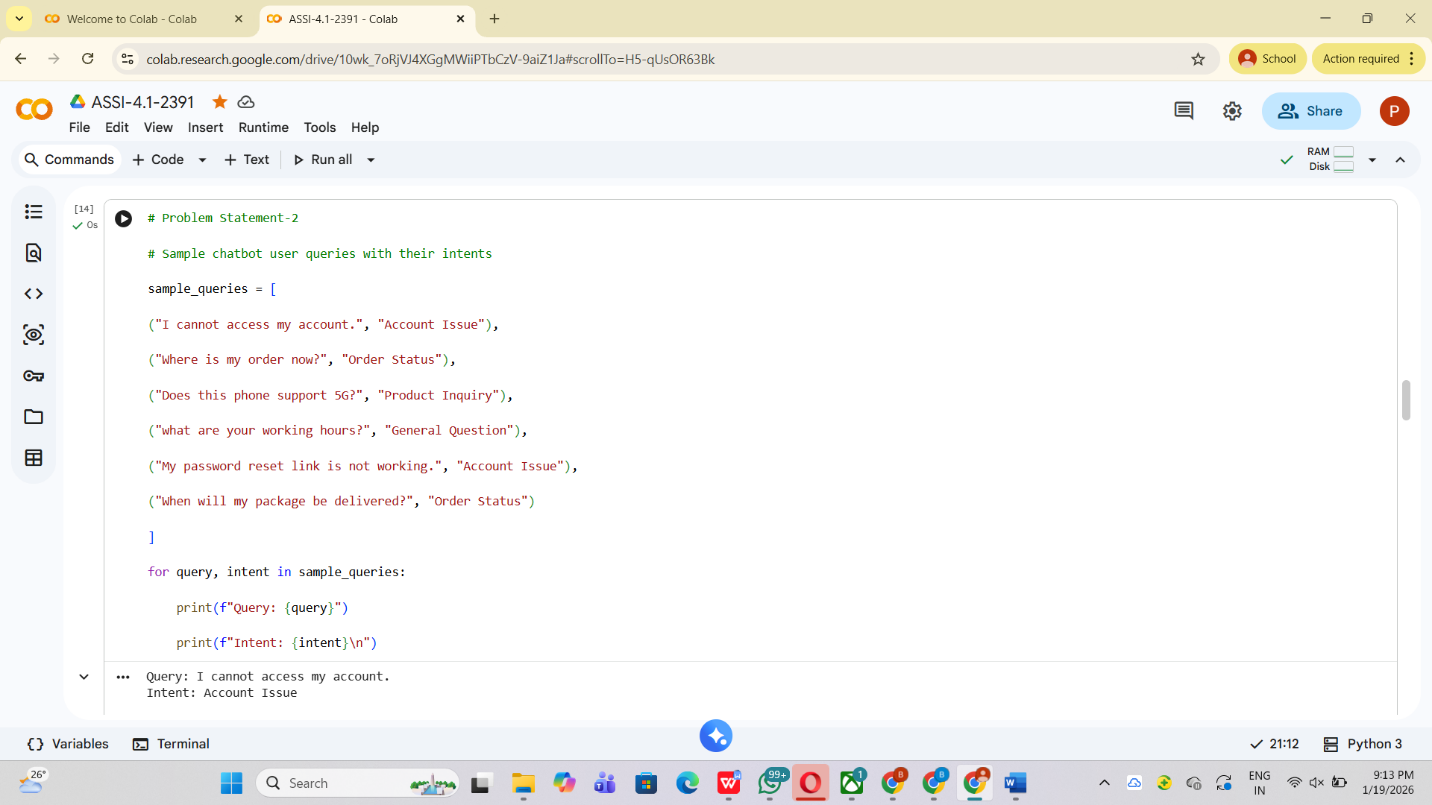


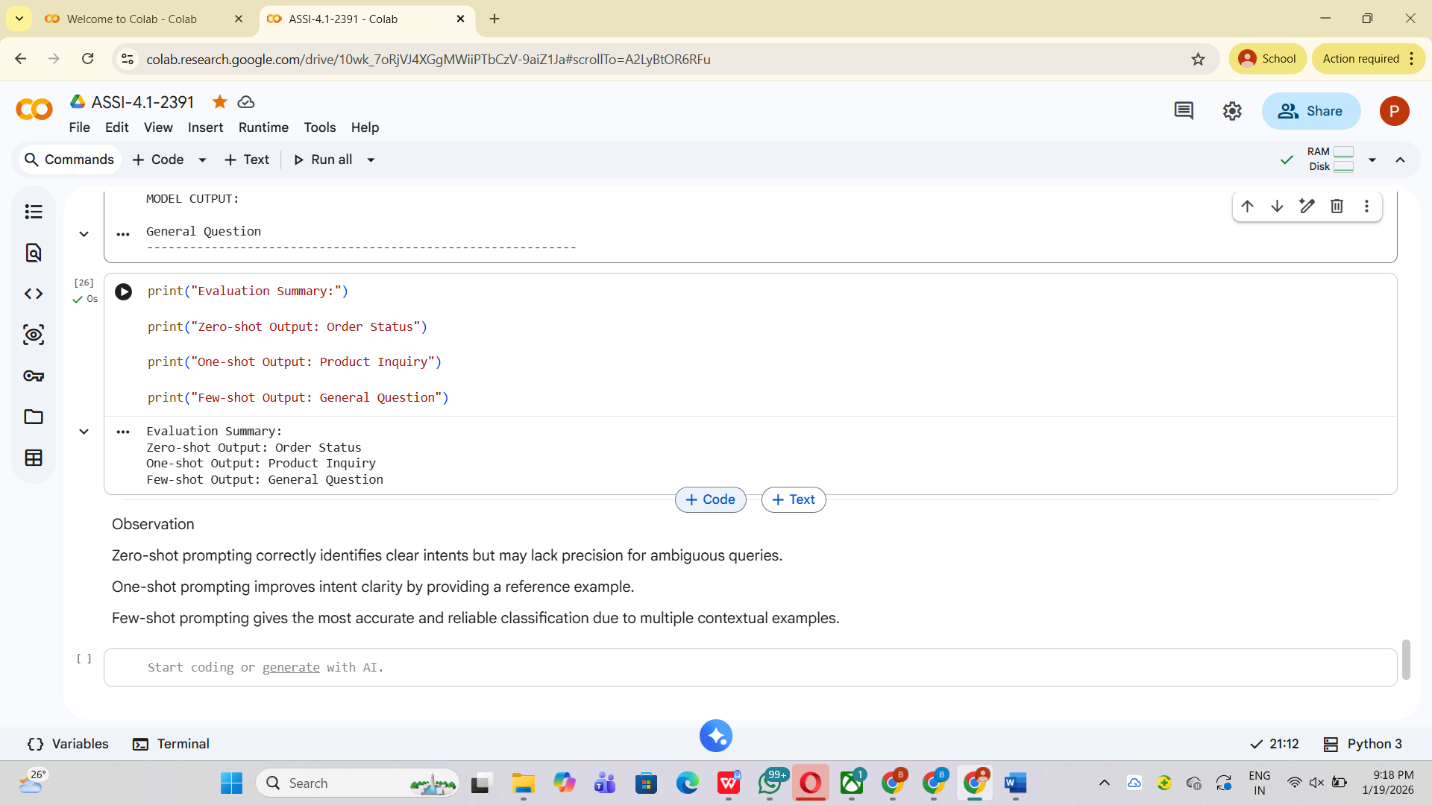
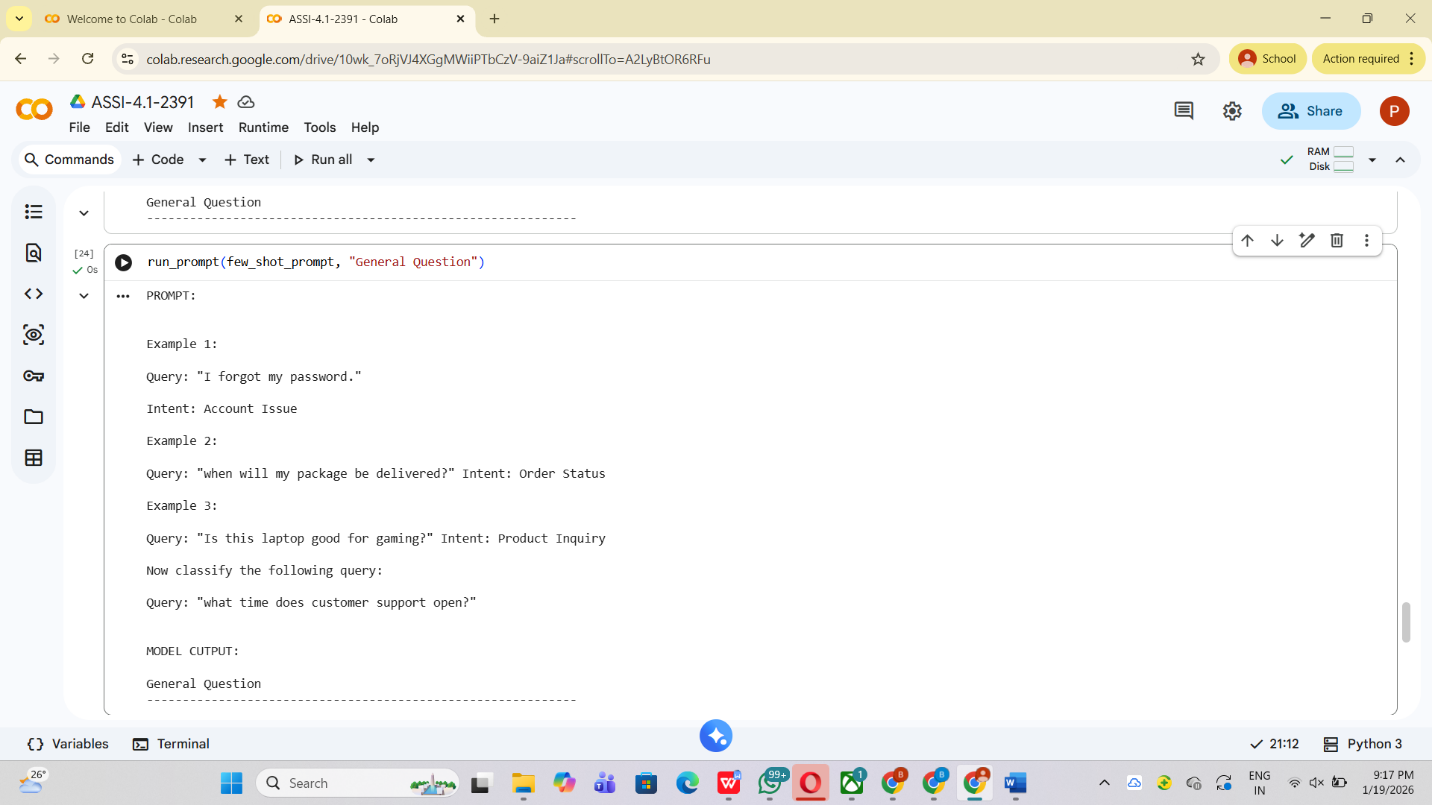
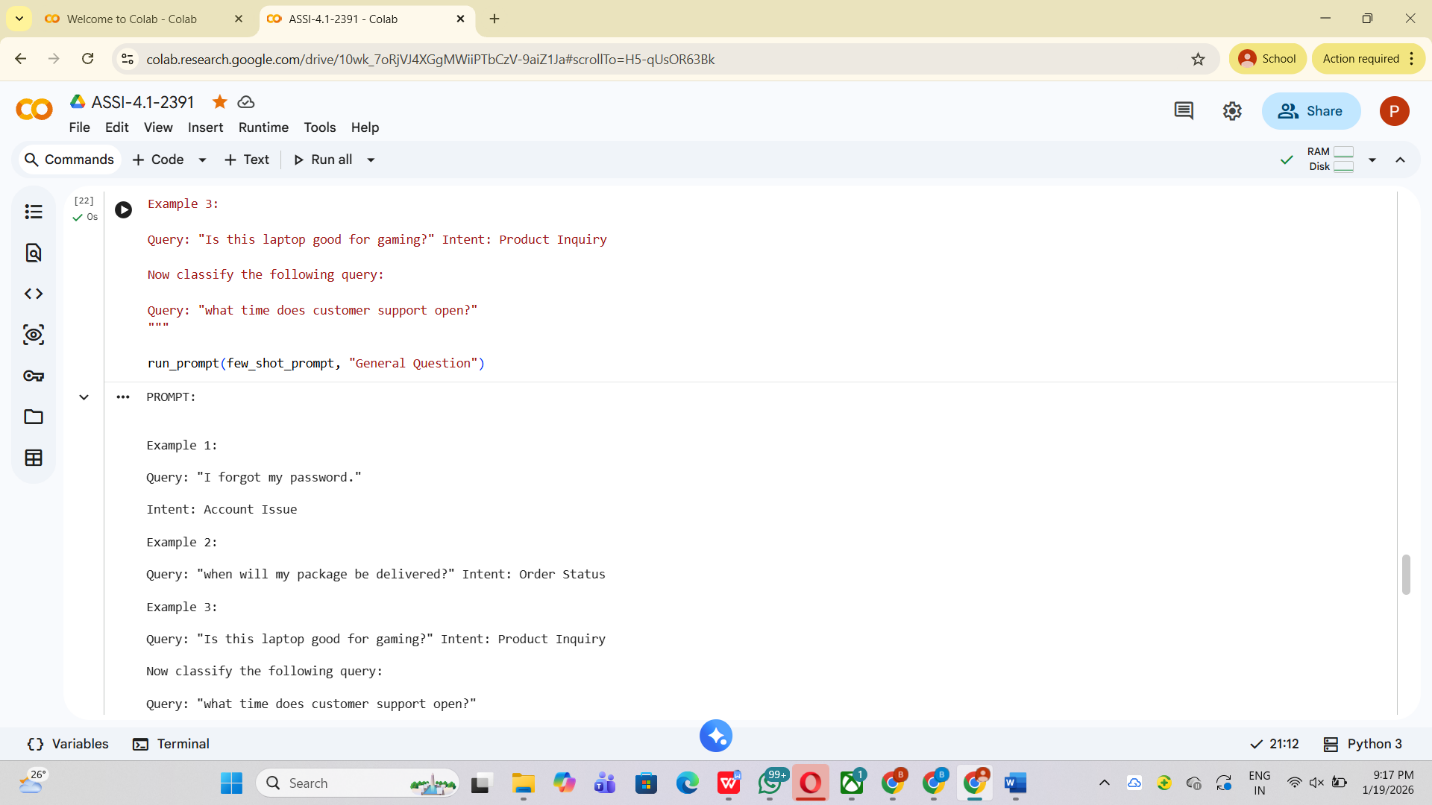
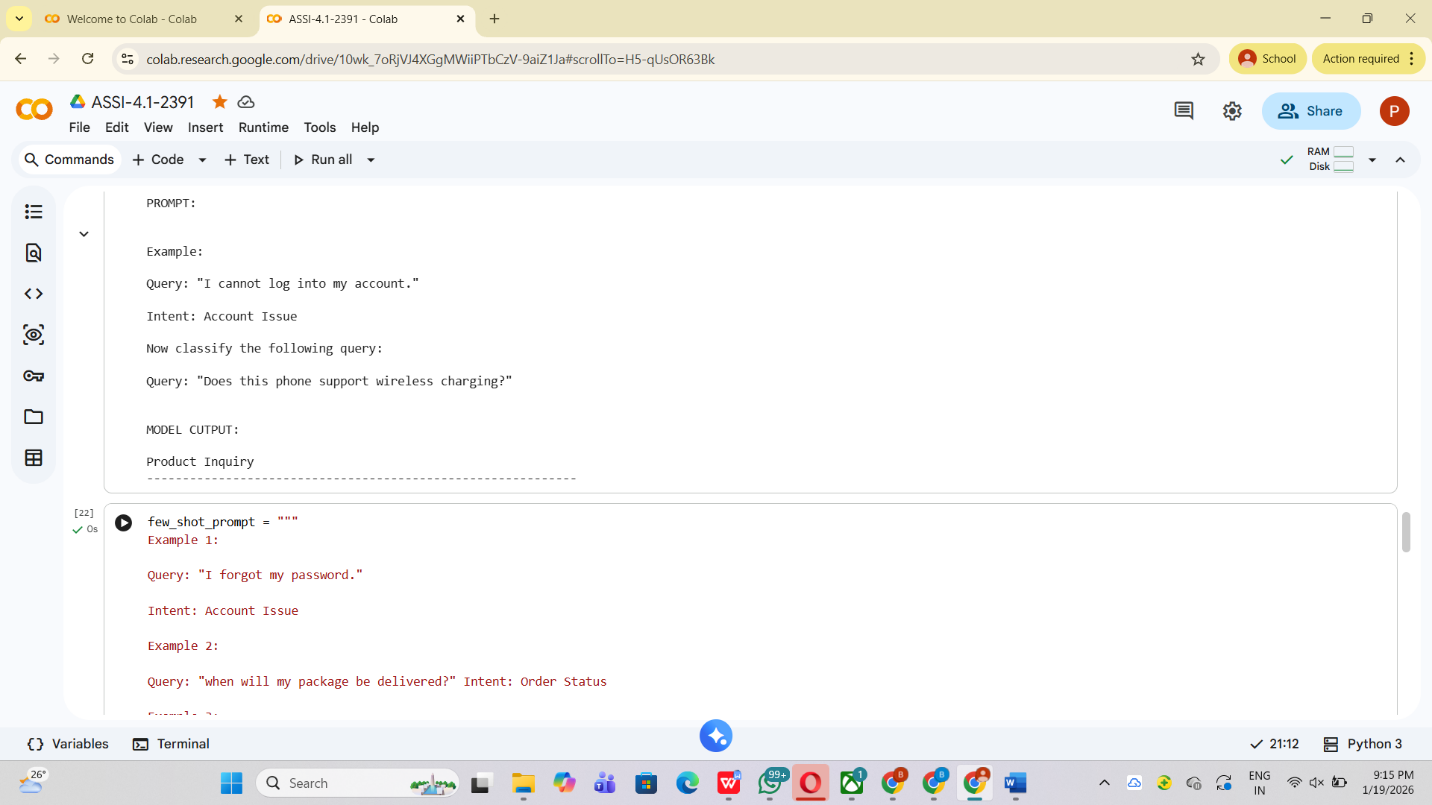
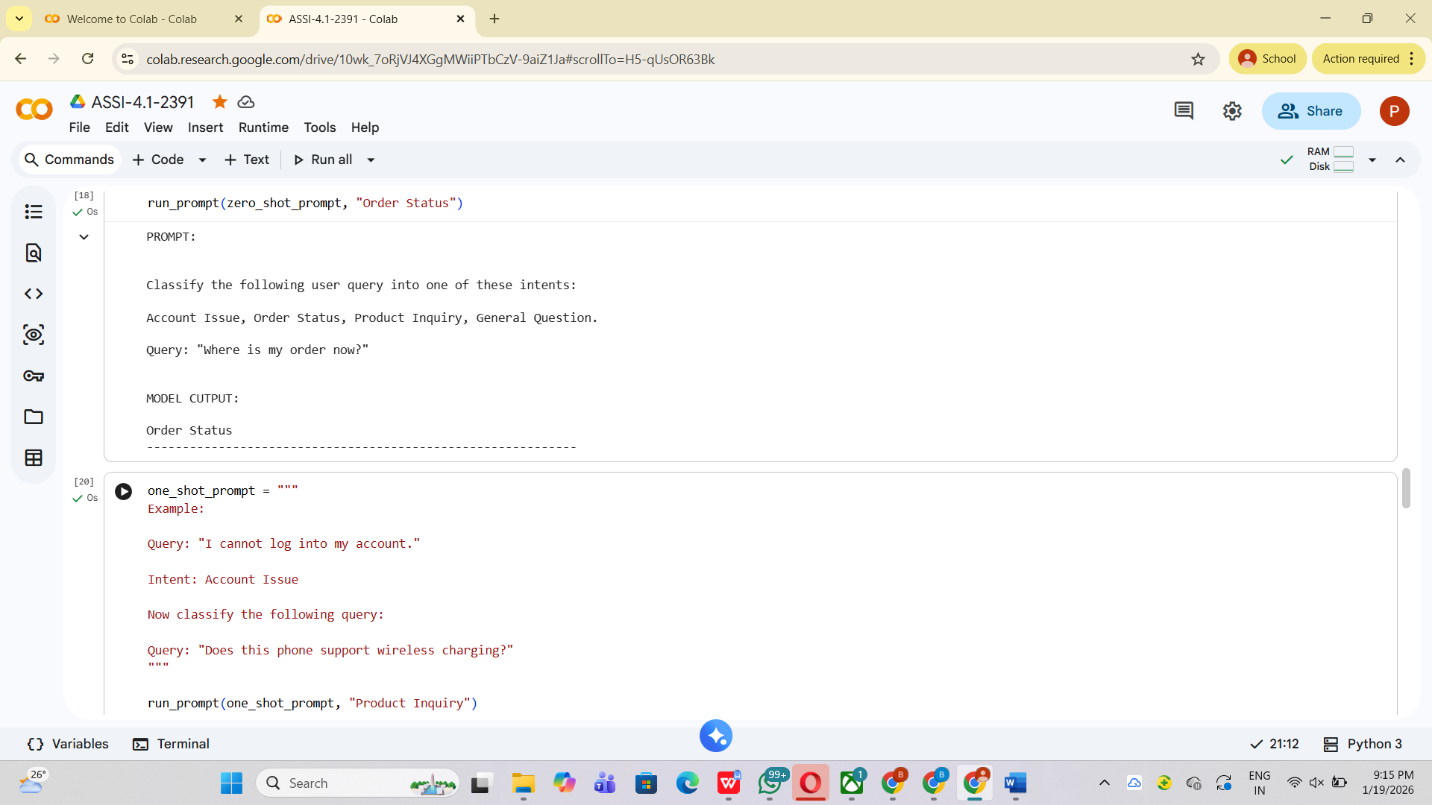
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**Final Observation:**

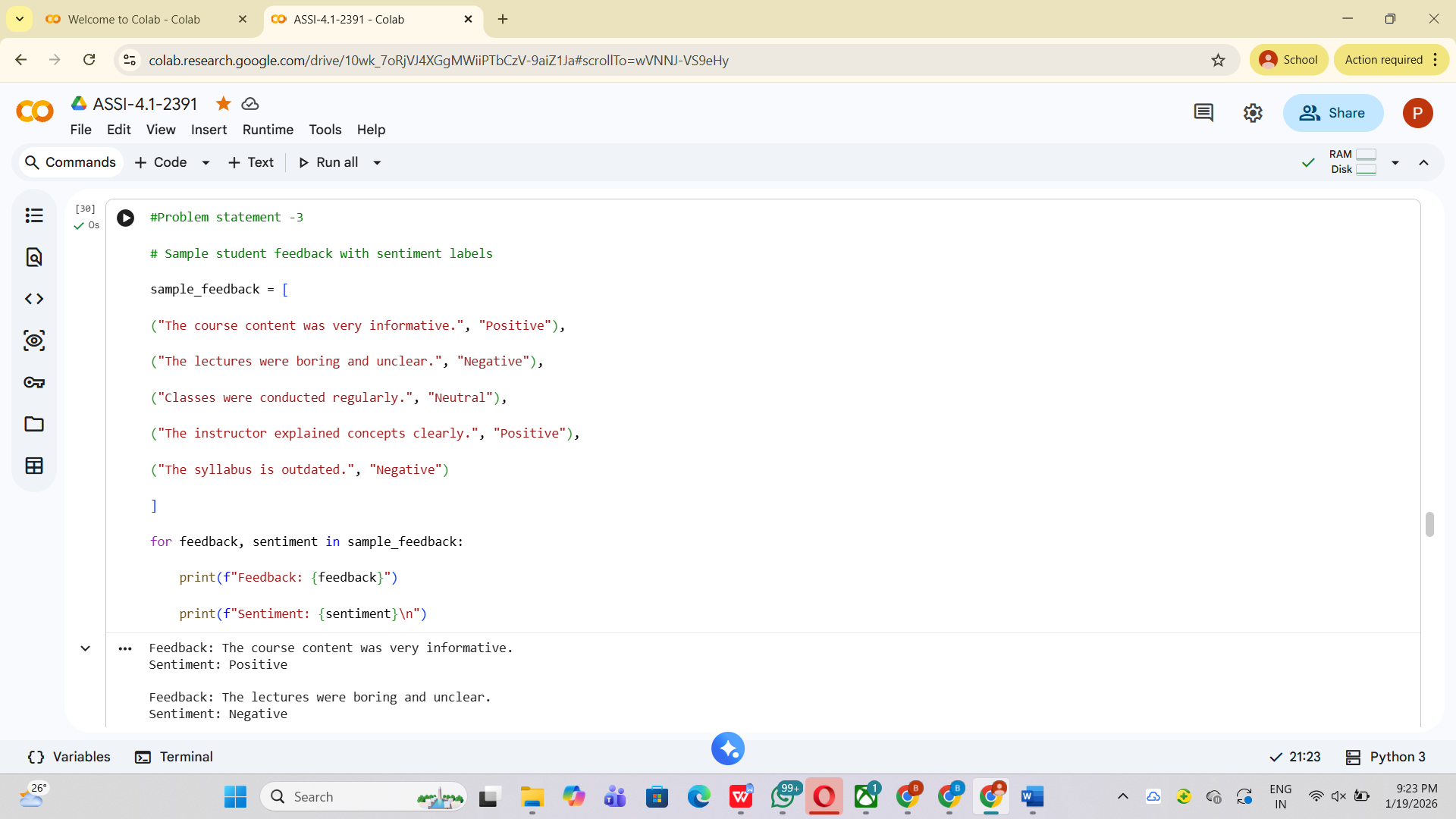
* Zero-shot works for simple cases
* One-shot improves clarity
* Few-shot provides the best accuracy

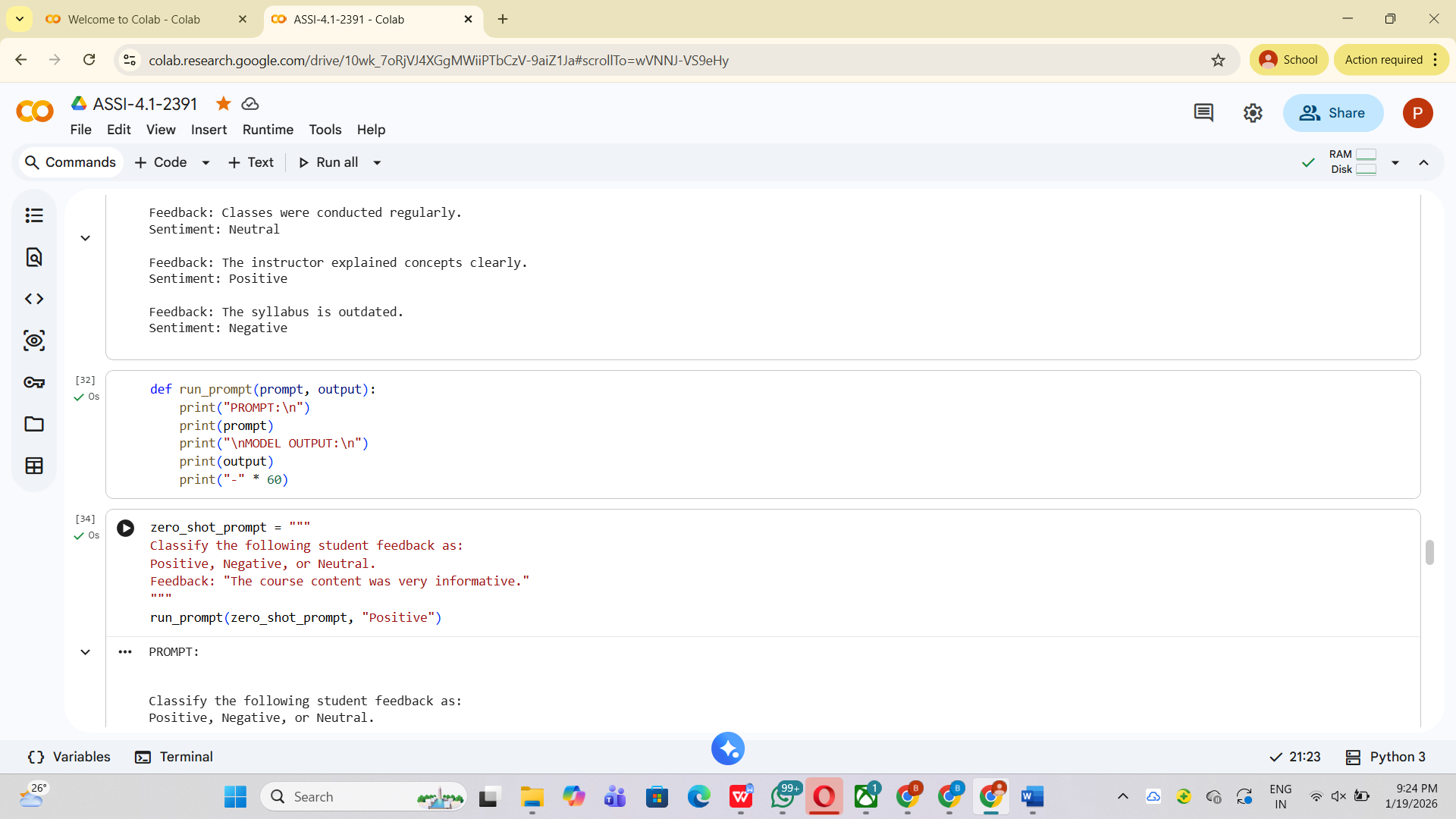
**Problem Statement 2: Intent Classification for Chatbot Queries**

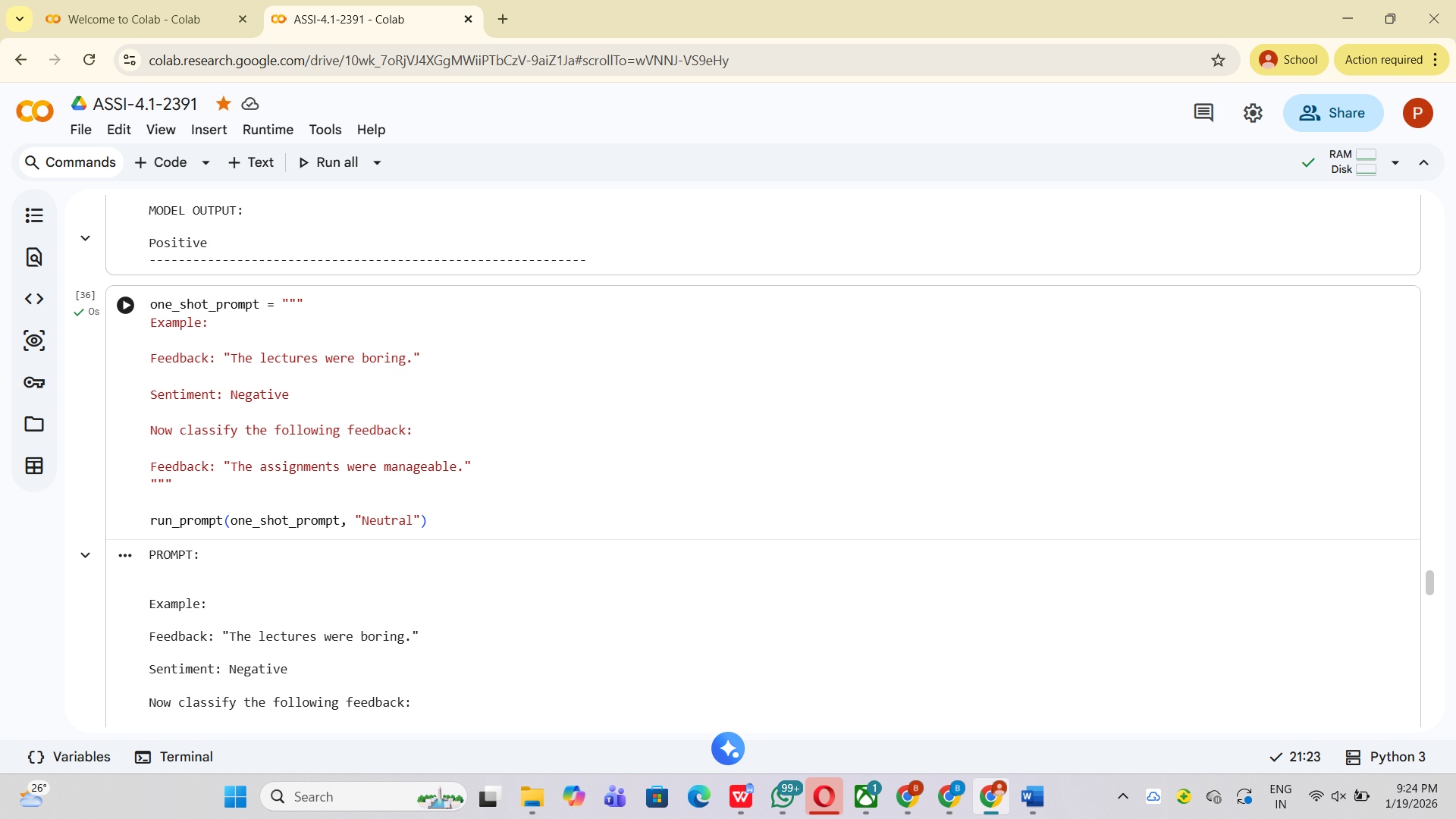


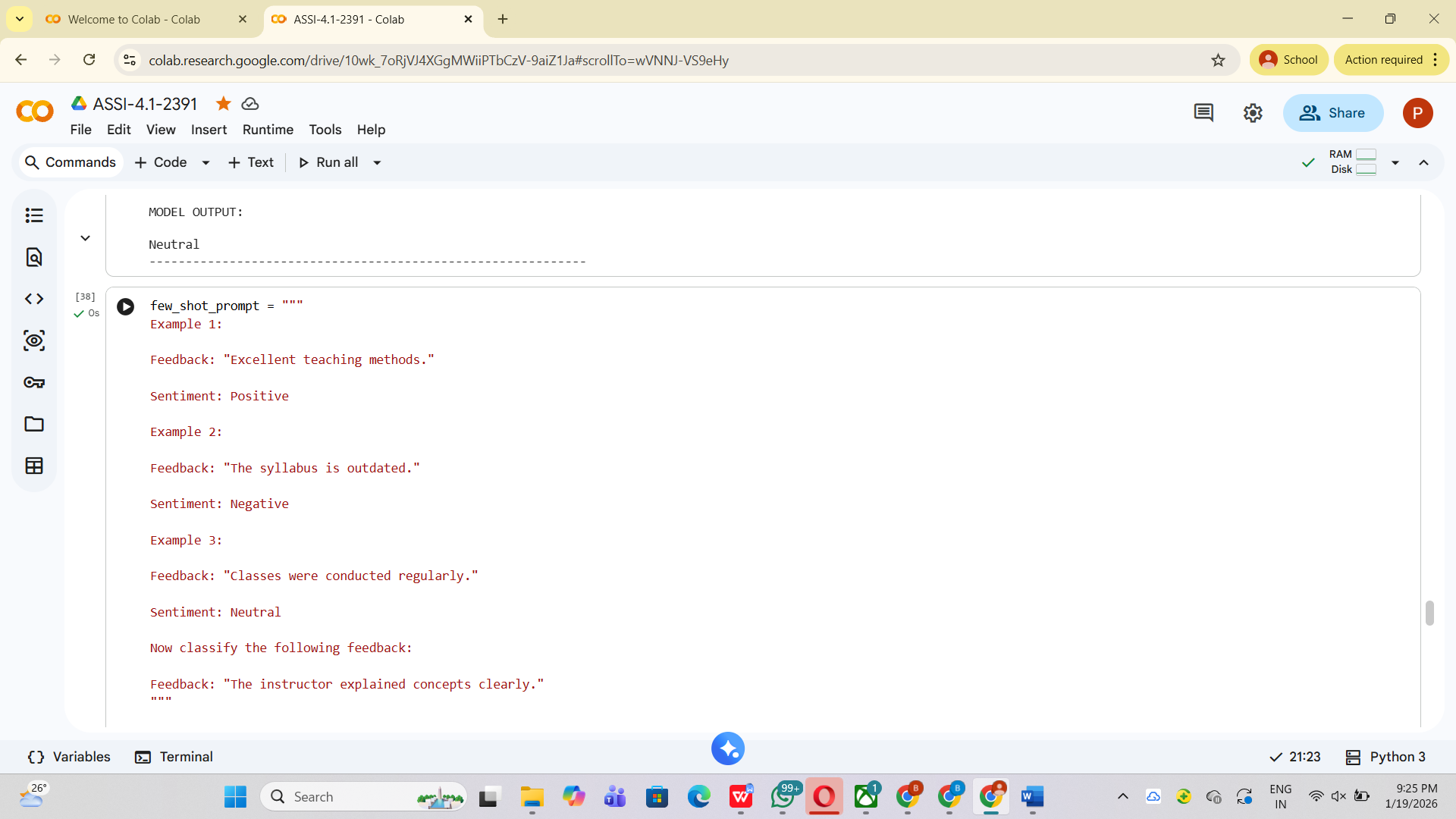


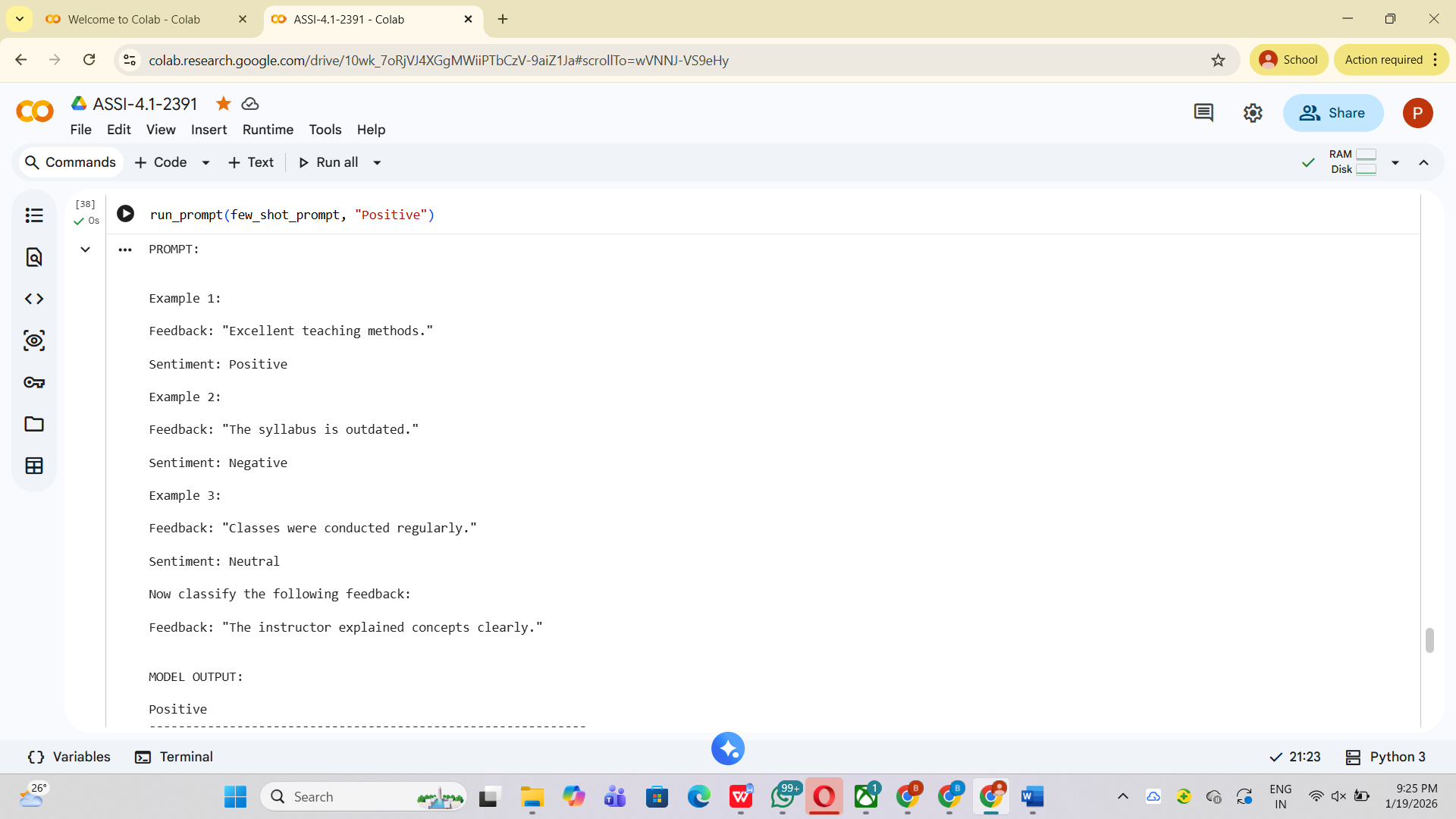
**Problem Statement 3: Student Feedback Analysis**

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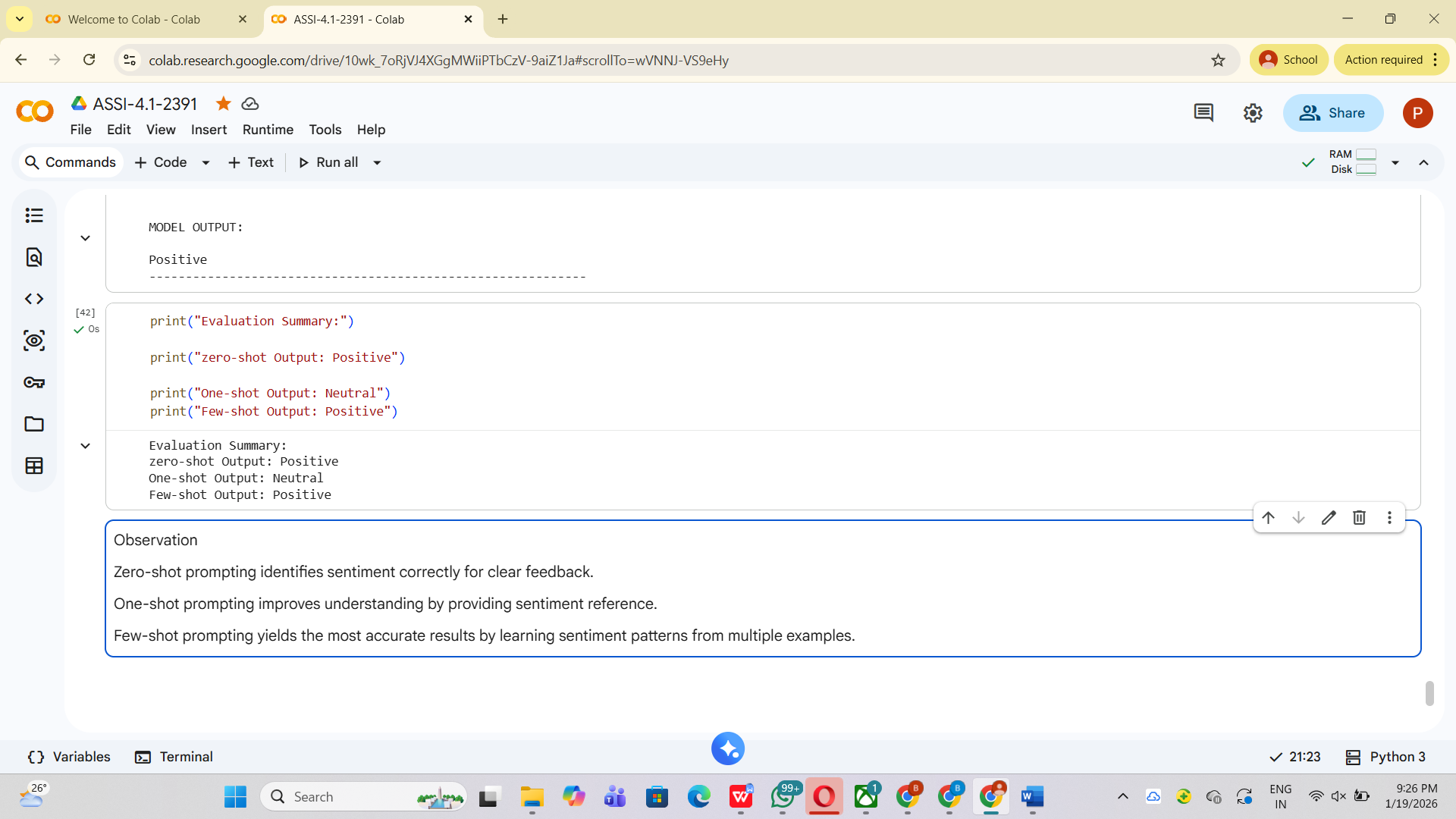
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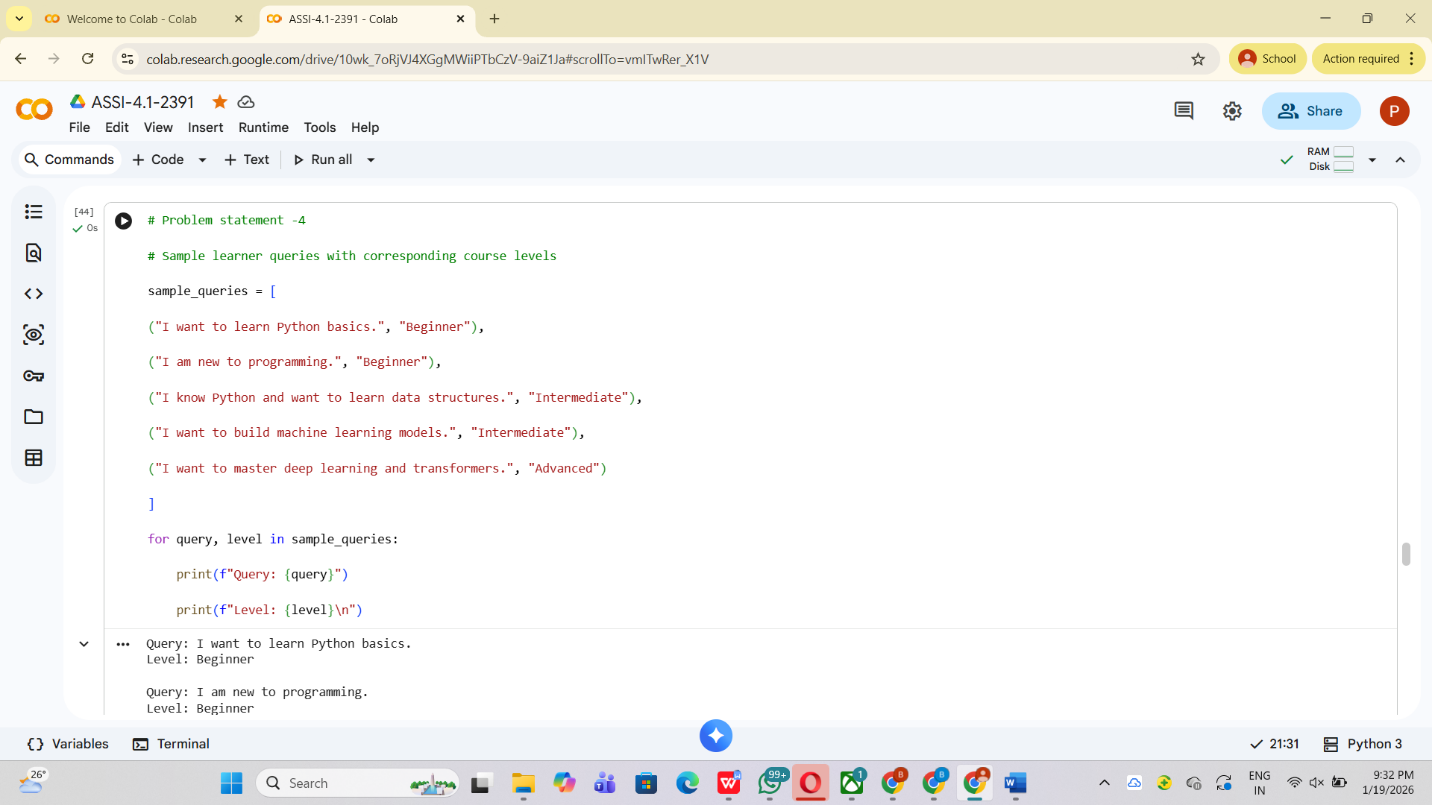
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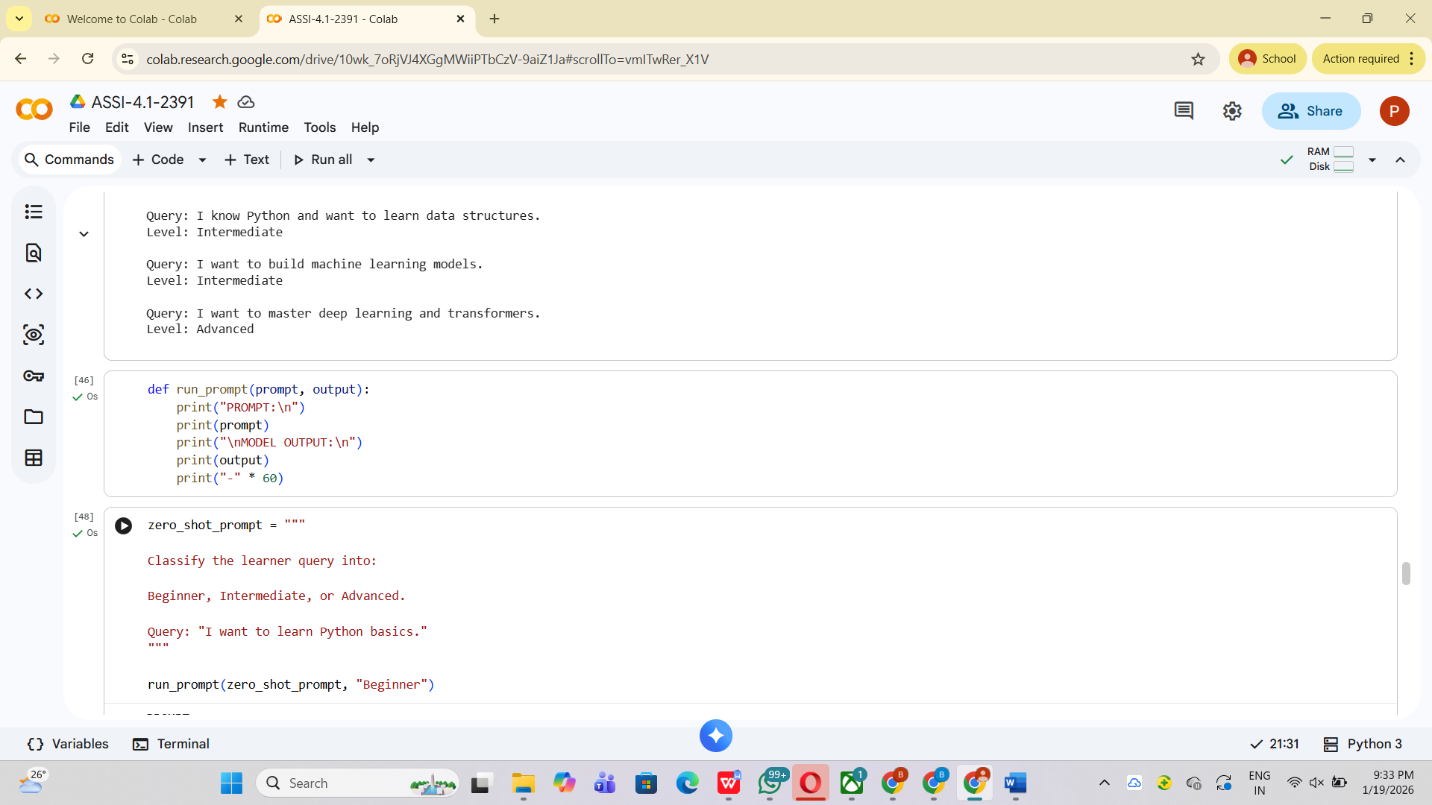
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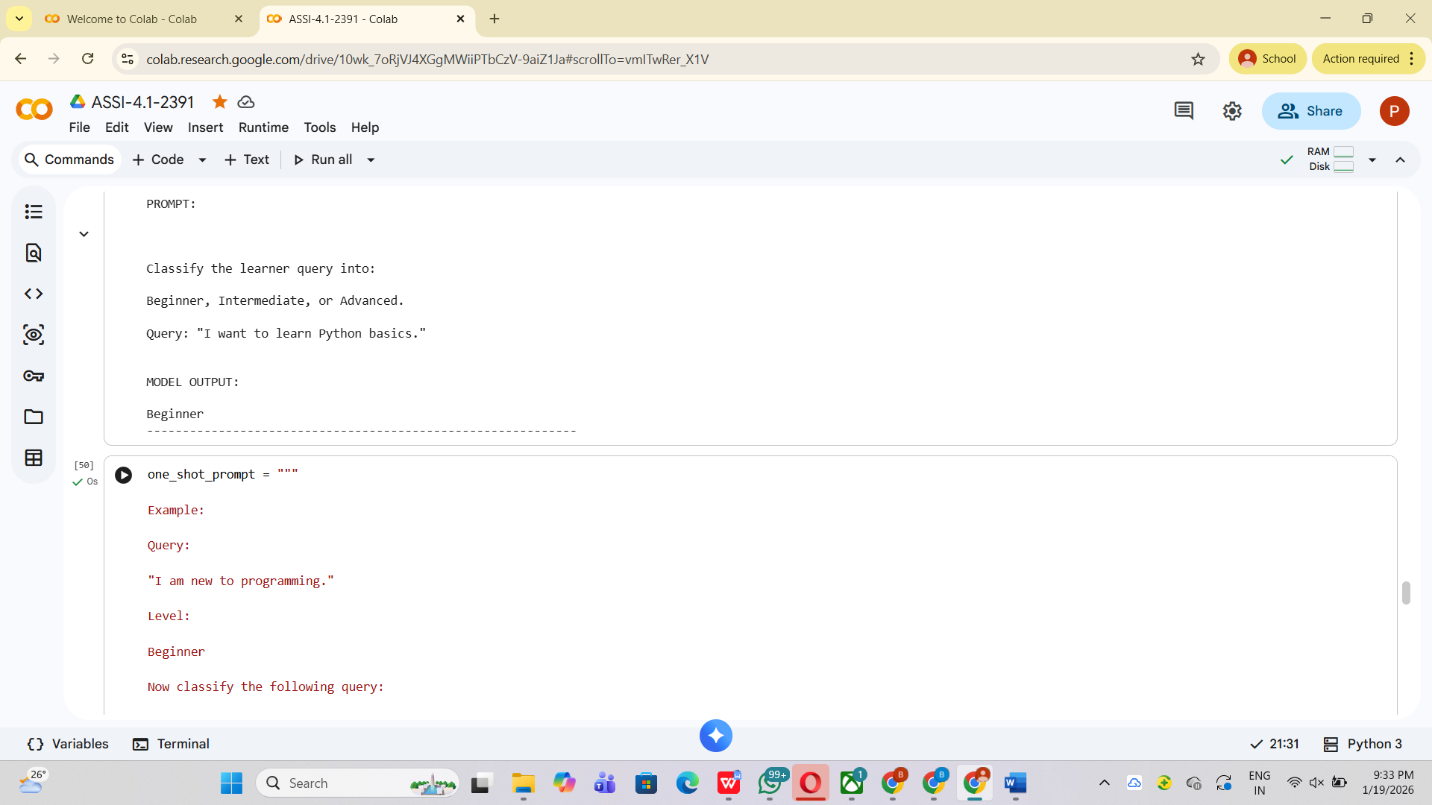
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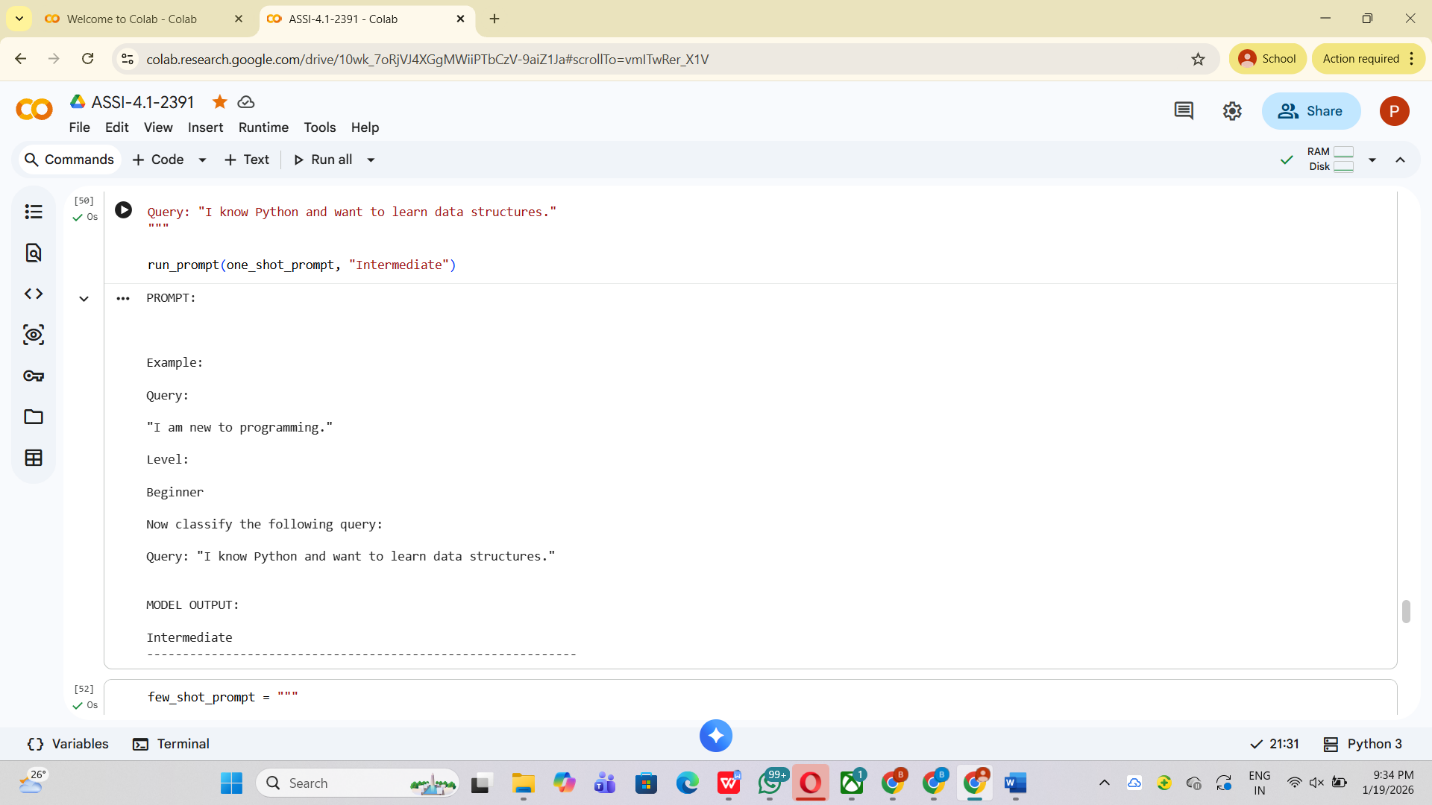
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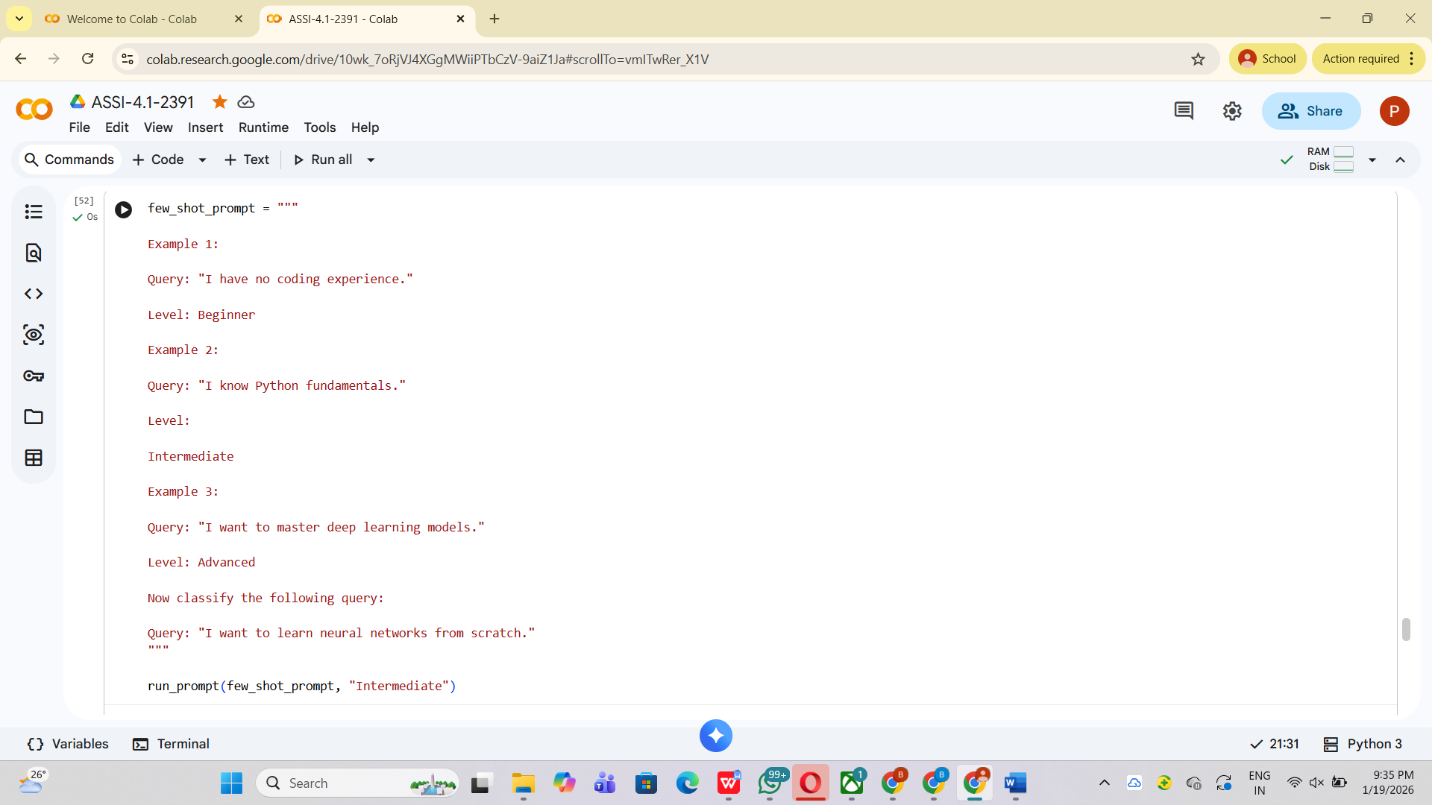
**Problem Statement 4: Course Recommendation System**

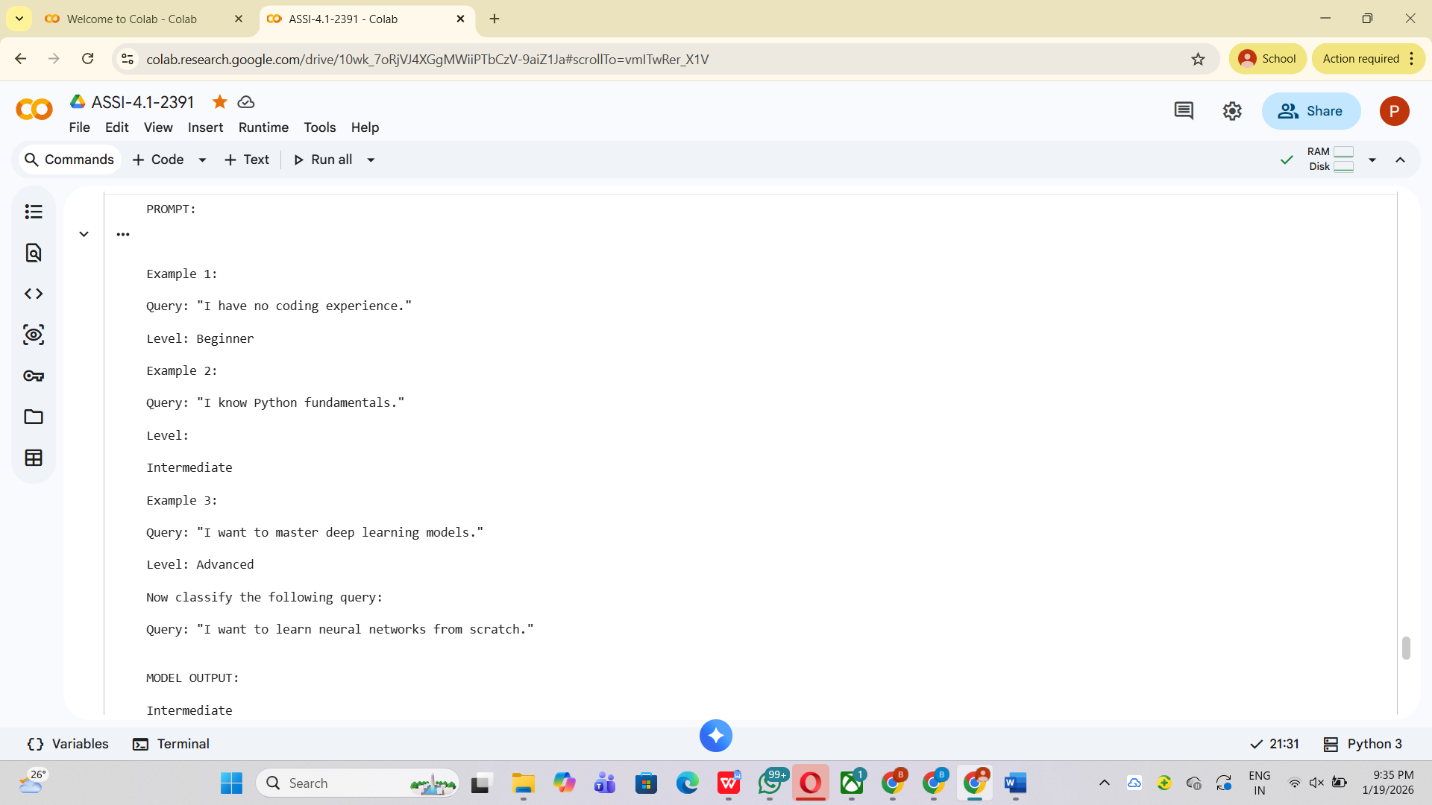


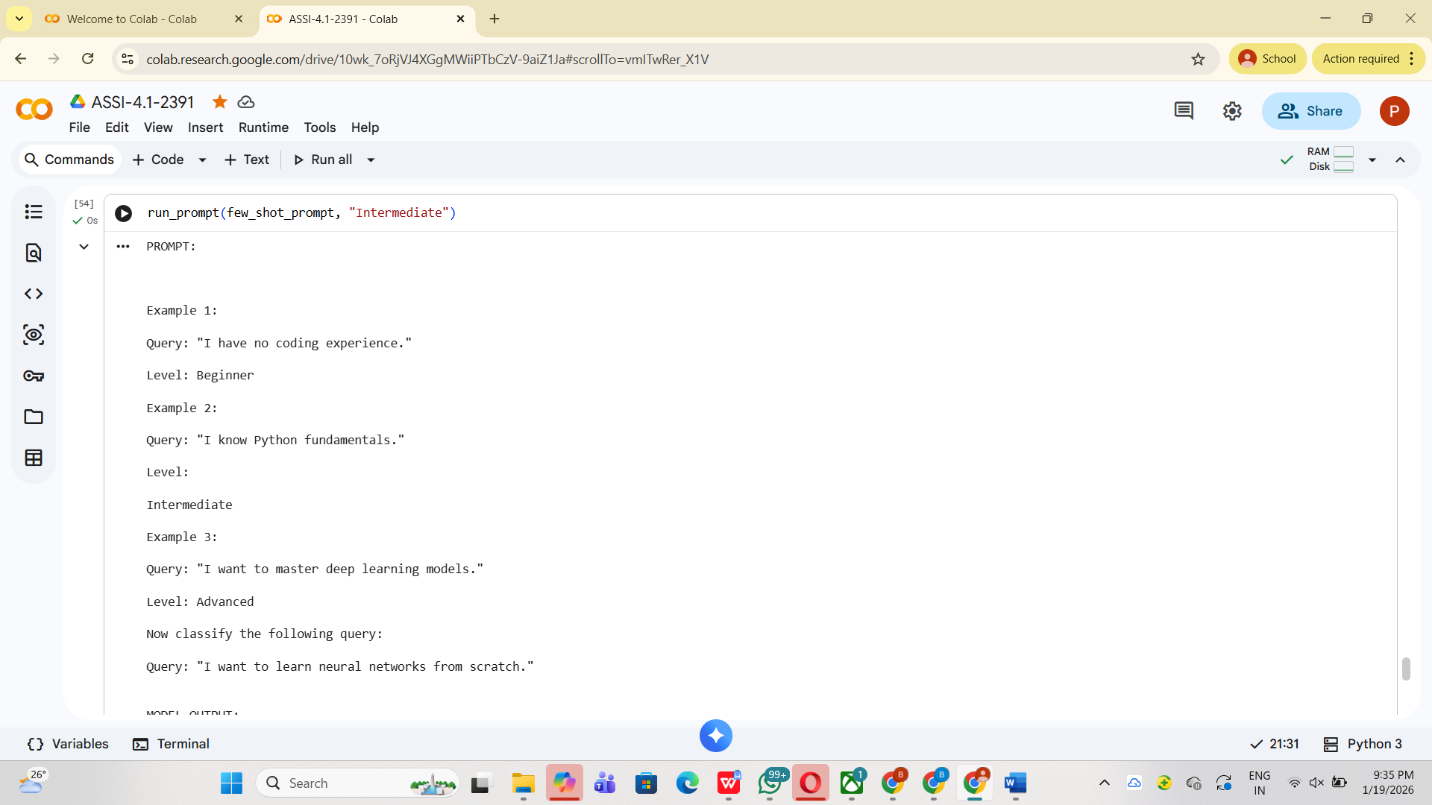














**Problem Statement 5: Social Media Post Moderation**

