

Objective

Familiarize students with file I/O, list manipulation, and basic iteration in Python.

Instructions:

1. Read the student IDs from a text file (e.g., `student_ids.txt`) containing multiple student IDs, one per line, in the format YYYY-N-MM-xxx (e.g., 2024-1-05-123).
2. Maintain a list of students who haven't been selected yet.
3. Randomly select a student for viva from the list.
4. Remove the selected student from the list.
5. Repeat steps 3 and 4 until all students have been picked.
6. When all students have been selected, reset the list to include all students again.

Additional Considerations:

1. There should be error handling (e.g., for file not found).
2. The format of the output (e.g., add a "Viva #" counter) should be understandable.

Submission:

- Submit the source code in **.py** extension.

Grading Criteria:

1. **Functionality:** Does the code work as intended? (2 points)
2. **Code Style:** Is the code well-organized, readable, and commented? (2 points)
3. **Creativity/Extra Features:** Did the student go beyond the basic requirements? (1 point)