Virtual Classroom Manager Programming Exercise

Problem Statement Imagine you are developing the backend for an EdTech platform that aims to host virtual classrooms. Your task is to create a terminal-based Virtual Classroom Manager that handles class scheduling, student attendance, and assignment submissions.

Solution

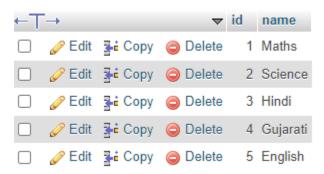
Add Classroom

```
Output

virtual_classroom (run) × virtual_classroom (run) #2 ×

run:
Enter command:
add_classroom English
Classroom English has been created.
Enter command:
```

Classroom stored in database



Add Student

```
Output

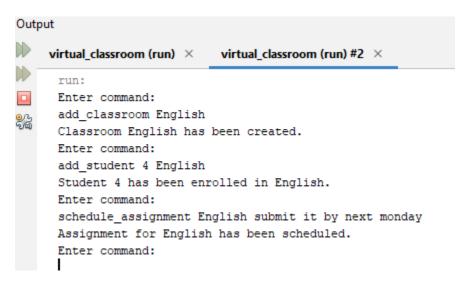
virtual_classroom (run) × virtual_classroom (run) #2 ×

run:
Enter command:
add_classroom English
Classroom English has been created.
Enter command:
add_student 4 English
Student 4 has been enrolled in English.
Enter command:
```

Student stored in database



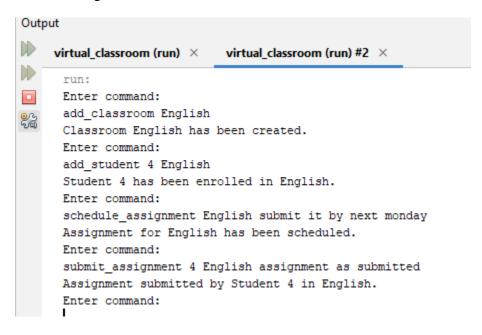
Schedule Assignment



Assignment is stored in database



Submit Assignment



Assignment submitted Record is stored in database

