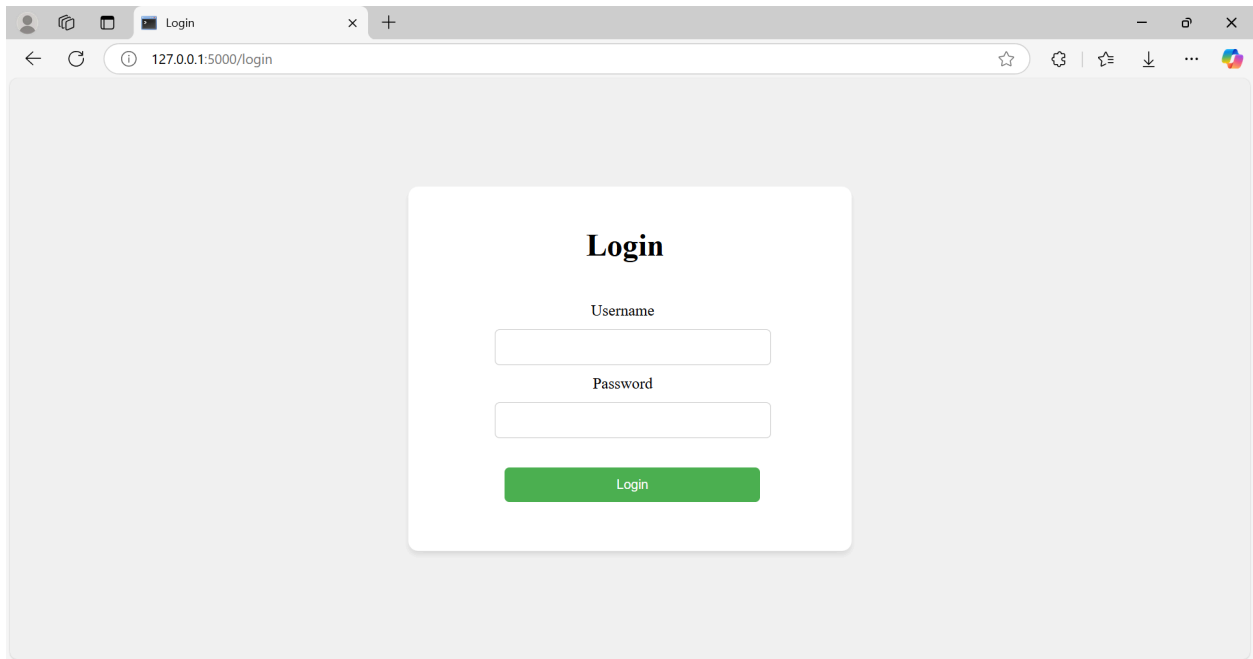Steps to execute the project:
1. Extract the zip file and open the folder in VSCode IDE.
2. Change the directories as per the device it is being used on.
3. Run the app.py file and follow the connection link on Port 5000.

Screenshots:

User: Professor

Login

Username

prof1

Password

••••••••••

Login

Welcome, prof1!

Select a Division

[Div A](#)

[Div B](#)

Logout

Mark Attendance for Div A

Select Date: mm/dd/yyyy

Students

Beyonce (Div A) ○ Present ○ Absent

Adele (Div A) ○ Present ○ Absent

Submit Attendance

Generate Monthly Report

Mark Attendance for Div A

Select Date: mm/dd/yyyy

⚠ Please fill out this field.

Beyonce (Div A) ○ Present ○ Absent

Adele (Div A) ○ Present ○ Absent

Submit Attendance

Generate Monthly Report

Mark Attendance - Div A

127.0.0.1:5000/div/Div%20A

Mark Attendance for Div A

Select Date: 01/05/2025

Students

Beyonce (Div A) ● Present ○ Absent

Adele (Div A) ○ Present ● Absent

Submit Attendance

Generate Monthly Report

Mark Attendance - Div A

127.0.0.1:5000/div/Div%20A

Mark Attendance for Div A

Select Date: mm/dd/yyyy

Students

Beyonce (Div A) ○ Present ○ Absent

Adele (Div A) ○ Present ○ Absent

Submit Attendance

Generate Monthly Report

127.0.0.1:5000/generate_report/Div A

127.0.0.1:5000/generate_report/Div%20A

Attendance Report for Div A

2024

Feb

Adele - Present: 2 days, Absent: 1 days

2025

Jan

Beyonce - Present: 2 days, Absent: 1 days

127.0.0.1:5000/div/Div%20B

Mark Attendance for Div B

Select Date: mm/dd/yyyy 📅

Students

JayZ (Div B)　◯ Present　◯ Absent

2Chain (Div B)　◯ Present　◯ Absent

Submit Attendance

Generate Monthly Report

Mark Attendance for Div B

Select Date: mm / dd / yyyy

⚠ Please fill out this field.

JayZ (Div B) ○ Present ○ Absent

2Chain (Div B) ○ Present ○ Absent

Submit Attendance

Generate Monthly Report

Mark Attendance for Div B

Select Date: 01 / 04 / 2025

Students

JayZ (Div B) ● Present ○ Absent

2Chain (Div B) ● Present ○ Absent

Submit Attendance

Generate Monthly Report

Mark Attendance for Div B

Select Date: mm/dd/yyyy

Students

JayZ (Div B) ○ Present ○ Absent
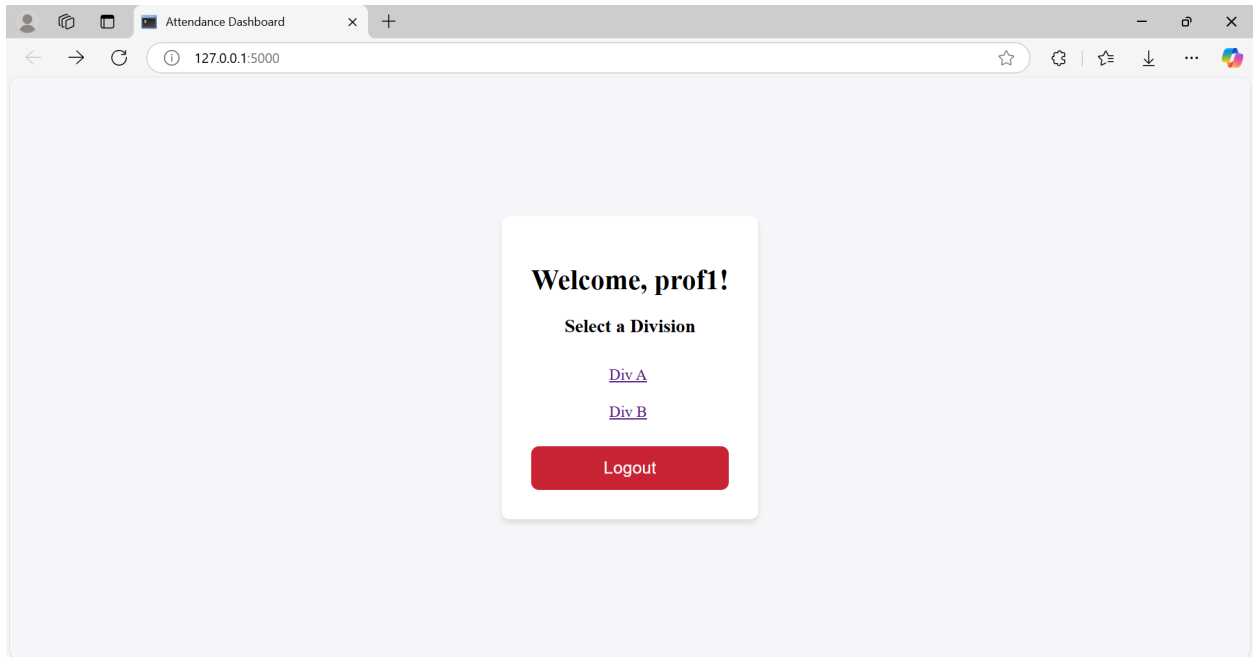
2Chain (Div B) ○ Present ○ Absent

Submit Attendance

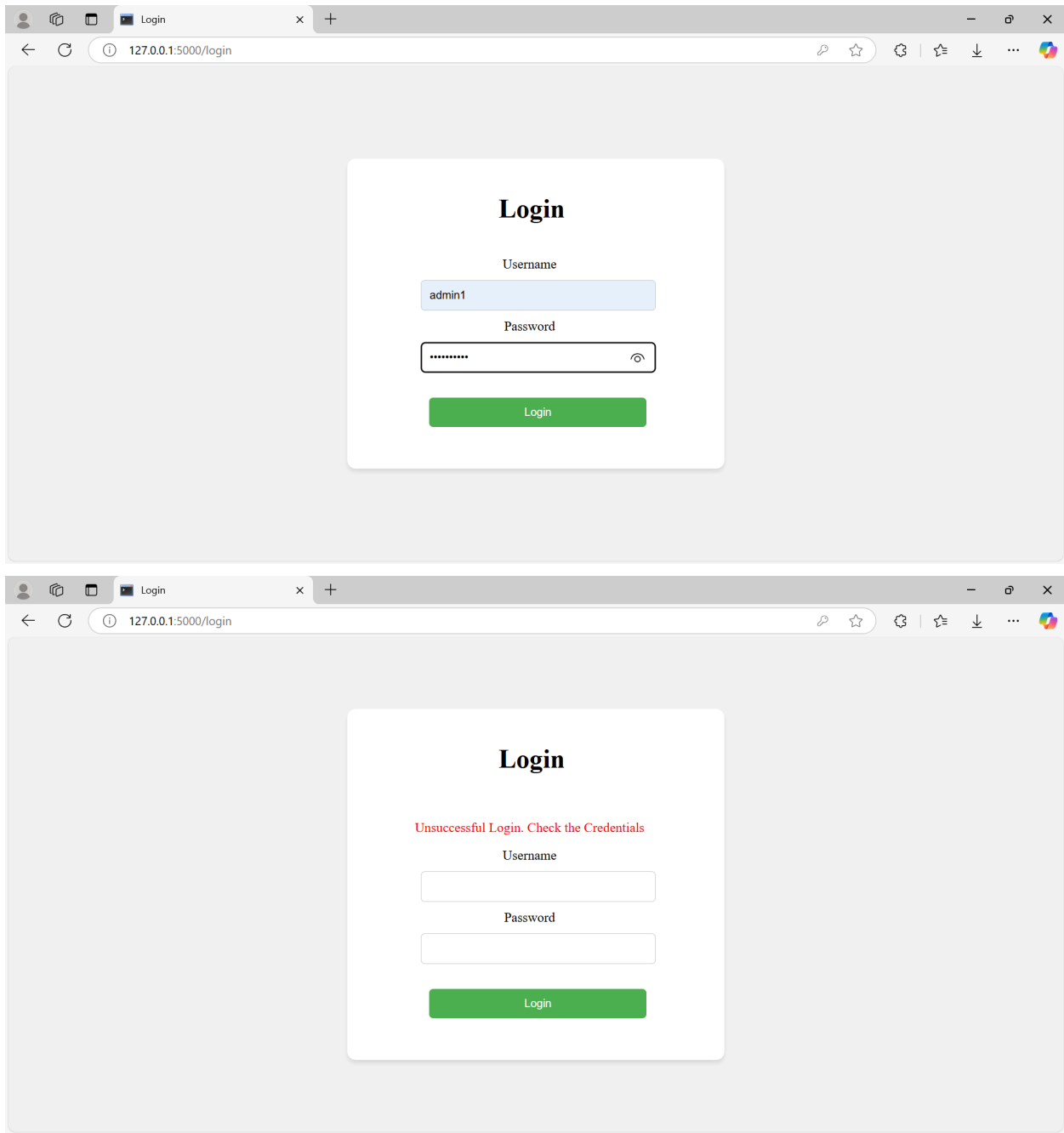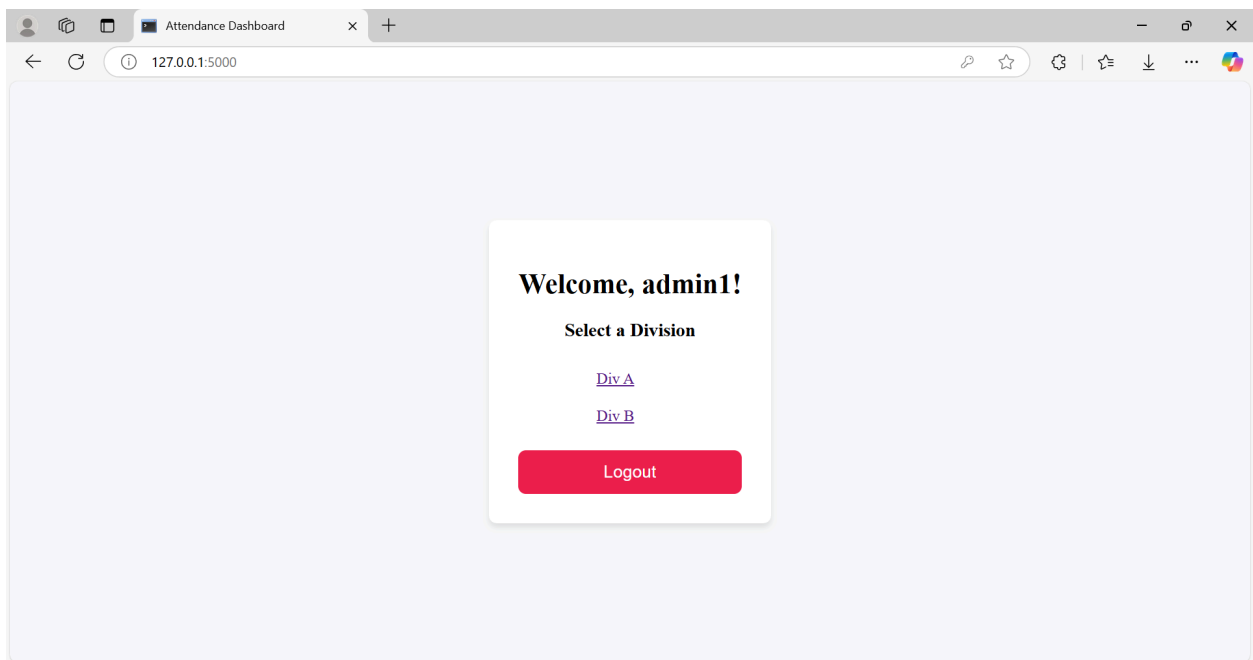Generate Monthly Report
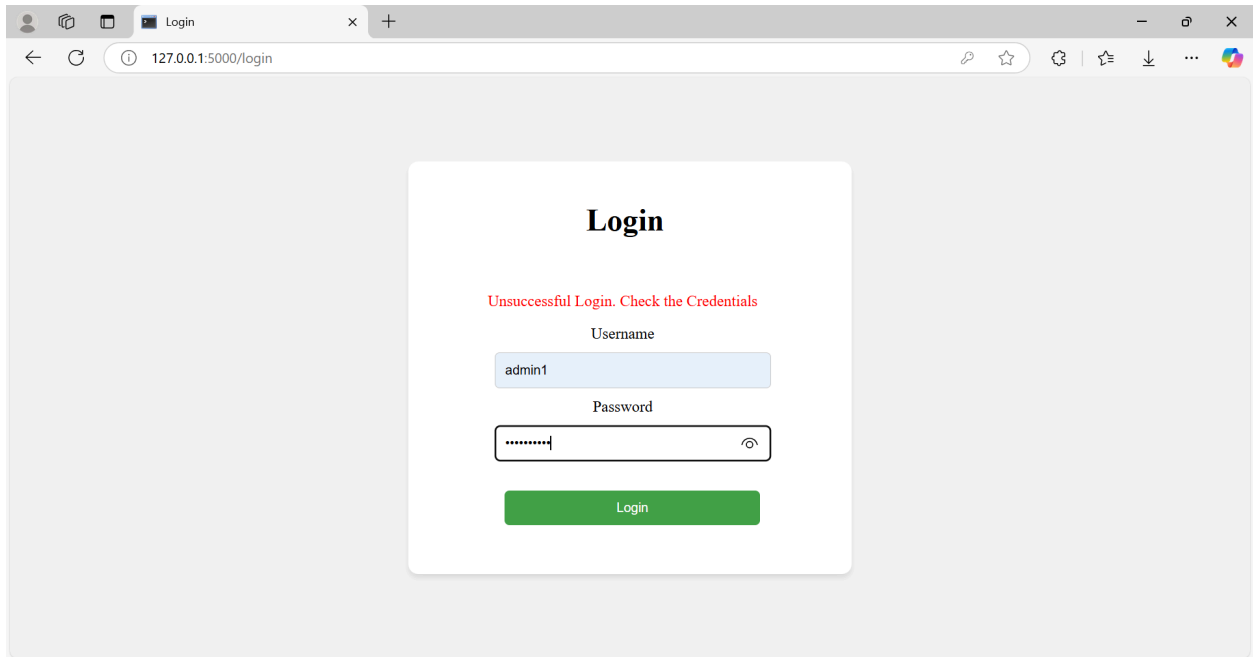
127.0.0.1:5000/generate_report/Div B

127.0.0.1:5000/generate_report/Div%20B

Attendance Report for Div B

2024

Jan

2Chain - Present: 0 days, Absent: 1 days

Feb

JayZ - Present: 1 days, Absent: 0 days

2025

Jan

2Chain - Present: 1 days, Absent: 0 days

JayZ - Present: 0 days, Absent: 1 days

127.0.0.1:5000

Welcome, prof1!

Select a Division

[Div A](#)

[Div B](#)

Logout

User: Admin

Login

Unsuccessful Login. Check the Credentials

Username

admin1

Password

•••••••••

Login

Welcome, admin1!

Select a Division

Div A

Div B

Logout

Manage Students for Div A

Students

Beyonce Remove
Adele Remove

Add New Student
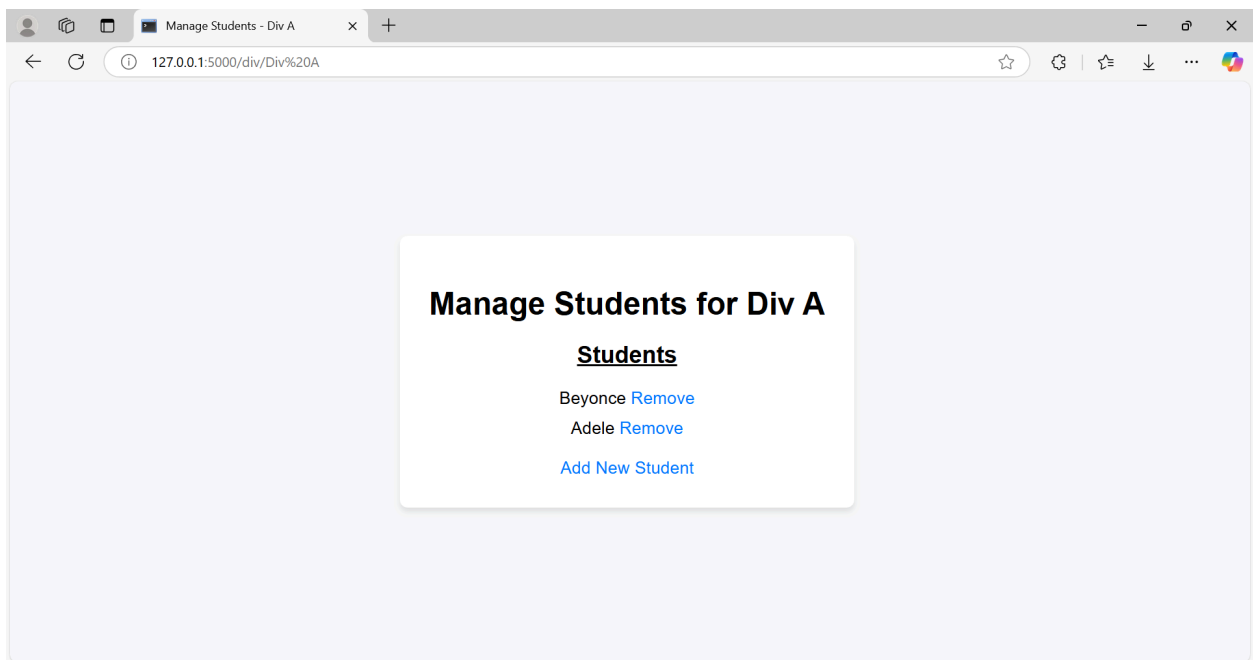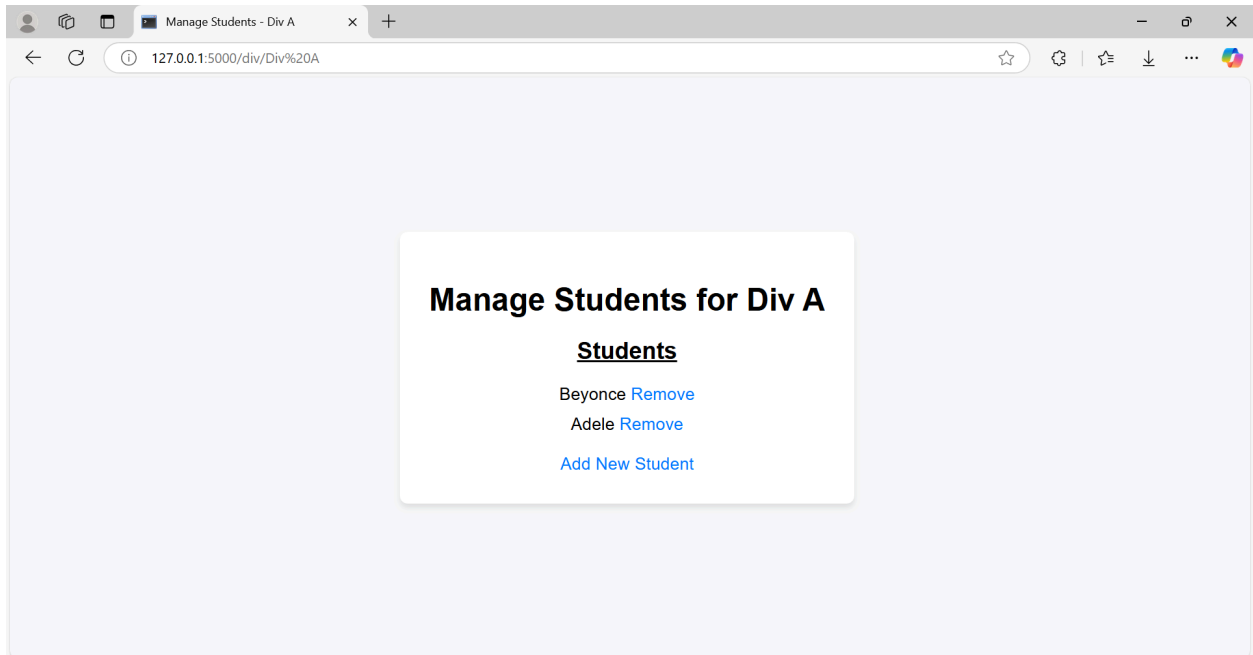
Add Student to Div A

Student Name:

Add Student

Add Student to Div A

Student Name:

Eminem

Add Student

Manage Students for Div A

Students

Beyonce Remove
Adele Remove
Eminem Remove

Add New Student

127.0.0.1:5000/remove_student/Div A/1

Manage Students for Div A

Students

Beyonce Remove
Adele Remove
Eminem Remove
Westside Remove

Add New Student
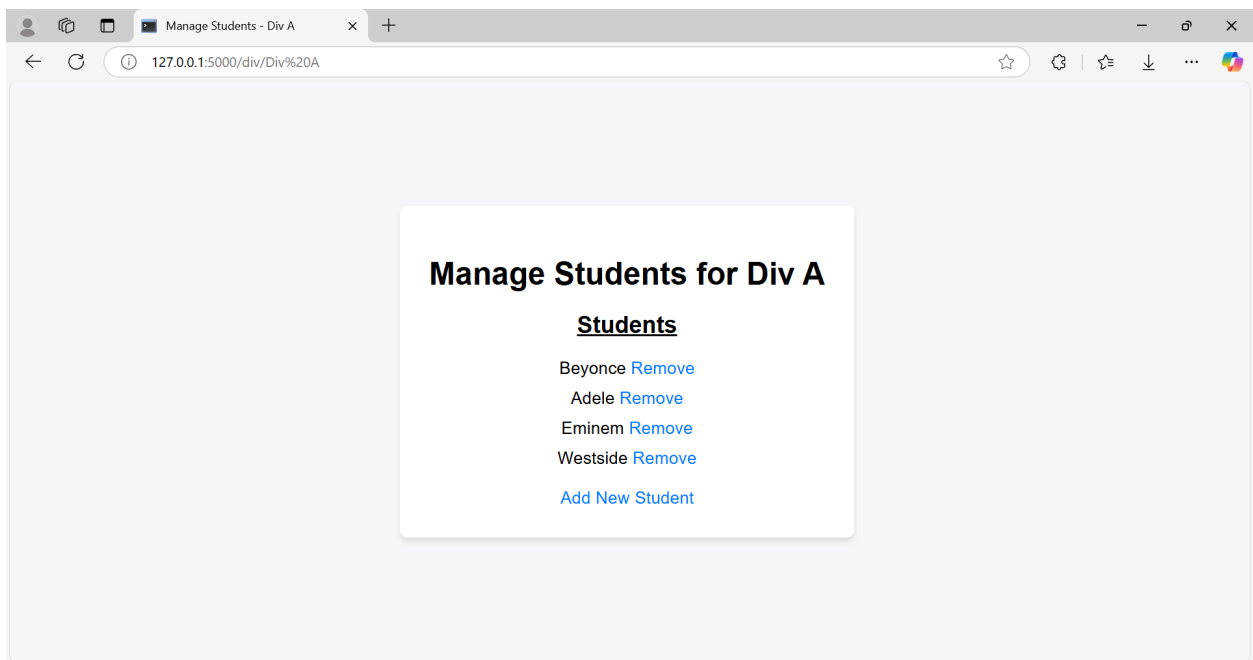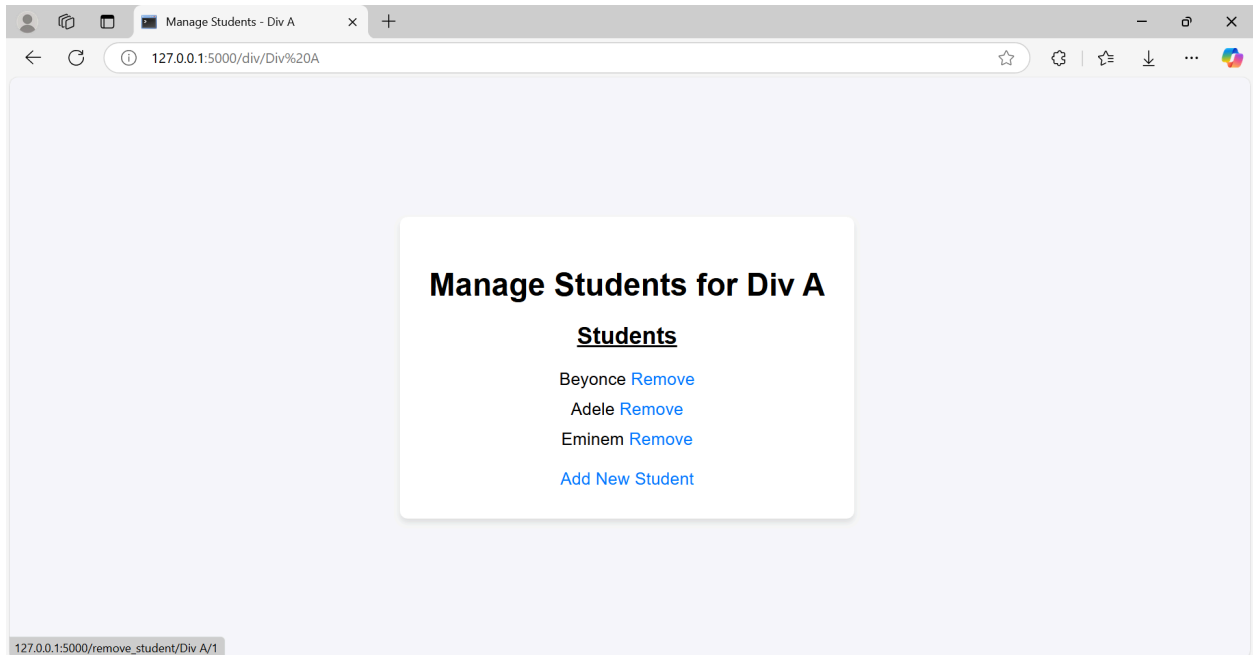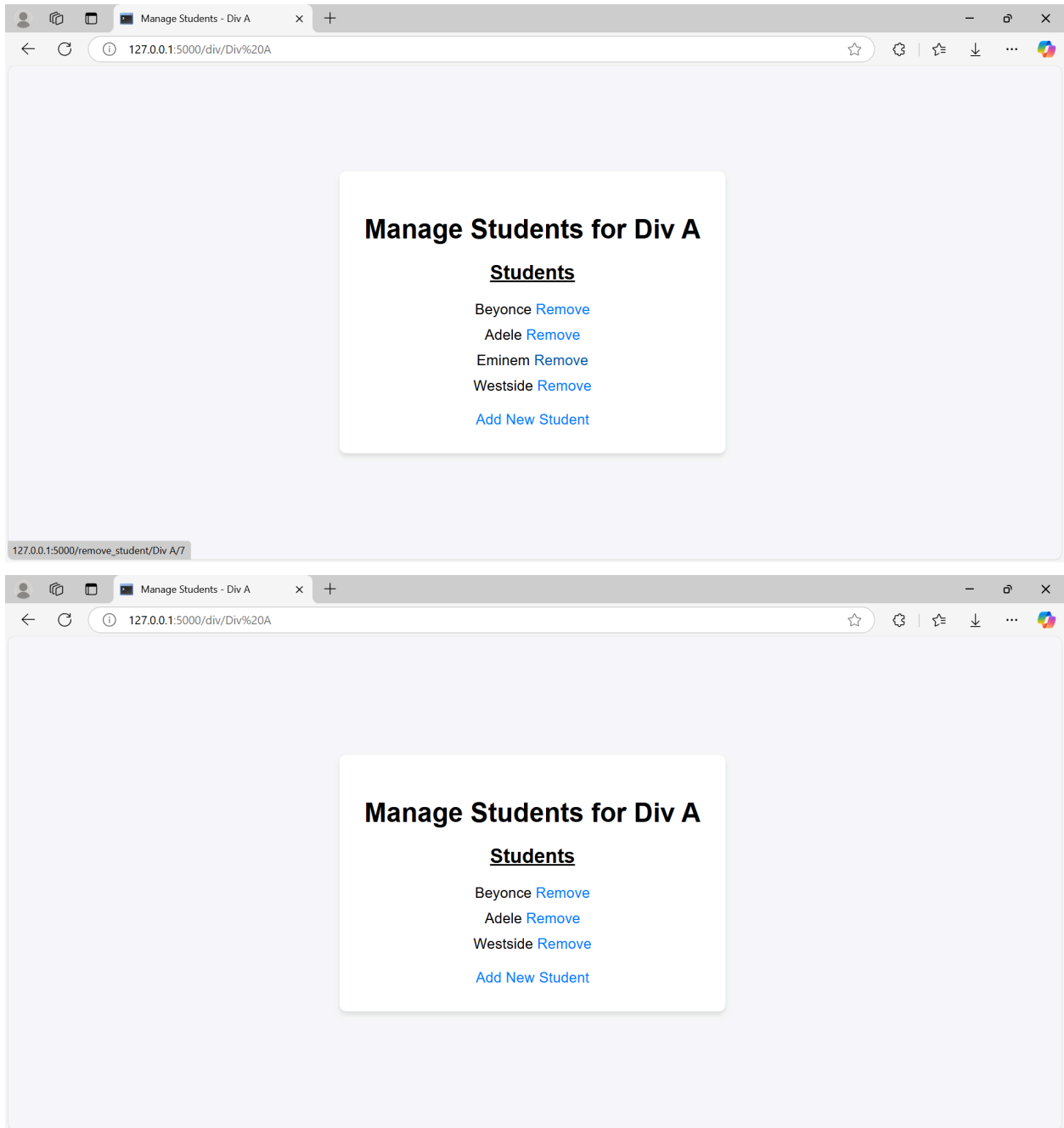
Similar works for Division B.