

Option 1 with empty slot, option 1 student already exists, option 2 student not found:

```
34_lab5
*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
*****
Enter your choice: 1

*****Add New Student*****
Enter student ID: 001
Enter student name: nick
Enter date of birth: 10/10/1987
Enter course: cs500
Enter GPA: 1
Success, student has been added!

*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
*****
Enter your choice: 1

*****Add New Student*****
Enter student ID: 001
Error: Student with ID 001 already exists.

*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
*****
Enter your choice: 2

*****Display Student Information*****
Enter student ID: 002
Student with ID 002 not found

*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
```

Option 2, option 3 student not found, option 3 updated info:

```
*****
Enter your choice: 2

*****Display Student Information*****
Enter student ID: 001
Student ID: 001
Name: nick
Date Of Birth: 10/10/1987
Course: cs500
GPA: 1

*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
*****
Enter your choice: 3

*****Update Student Information*****
Enter student ID: 003
Student with ID 003 not found

*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
*****
Enter your choice: 3

*****Update Student Information*****
Enter student ID: 001
Enter new student name: Nicholas
Enter new date of birth: 10/10/1986
Enter new course: cs234
Enter new GPA: 3.0
Student information updated successfully!
Student ID: 001
Name: Nicholas
Date Of Birth: 10/10/1986
Course: cs234
GPA: 3.0
```

Option 4 student not found, option 4 student deleted, option 5 exit:

```
Enter your choice: 4

*****Delete Student*****
Enter student ID: 002
Student with ID 002 not found

*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
*****
Enter your choice: 4

*****Delete Student*****
Enter student ID: 001
Student deleted successfully!

*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
*****
Enter your choice: 2

*****Display Student Information*****
Enter student ID: 001
Student with ID 001 not found

*****STUDENT DATABASE MANAGEMENT SYSTEM*****
| 1. Add New Student: |
| 2. Display Student Information |
| 3. Update Student Information |
| 4. Delete Student |
| 5. Exit |
*****
Enter your choice: 5

Exiting the program. Goodbye!

C:\Users\Nicholas Vialpando\OneDrive - Digita
```