

CUETO, ALEXA JOYCE G.  
TW23  
IT0011 – LIST AND TUPLES

Screenshot Outputs:

1. Open File

```
--MENU--  
1. Open File  
2. Save File  
3. Save As File  
4. Show All Students Records  
5. Show Student Record  
6. Add Record  
7. Edit Record  
8. Delete Record  
9. Exit  
Enter your choice (number): 1  
File 'StudentsRecords' loaded successfully.
```

2. Add Record

```
--MENU--  
1. Open File  
2. Save File  
3. Save As File  
4. Show All Students Records  
5. Show Student Record  
6. Add Record  
7. Edit Record  
8. Delete Record  
9. Exit
```

```
Enter your choice (number): 6  
  
--ADD RECORD--  
Enter Student ID (6 digits): 202598  
Enter First Name: Alexa  
Enter Last Name: Cueto  
Enter Class Standing Grade: 98  
Enter Major Exam Grade: 97  
Student record added successfully.
```

\*Error Trapping

```
--ADD RECORD--  
Enter Student ID (6 digits): 15627  
Invalid ID. Must be 6 digits.
```

### 3. Edit Record

```
--MENU--  
1. Open File  
2. Save File  
3. Save As File  
4. Show All Students Records  
5. Show Student Record  
6. Add Record  
7. Edit Record  
8. Delete Record  
9. Exit  
Enter your choice (number): 7  
Enter Student ID to Edit: 202598  
Edit Menu:  
1. Edit First Name  
2. Edit Last Name  
3. Edit Class Standing Grade  
4. Edit Major Exam Grade  
Enter your choice: 4  
Enter New Major Exam Grade: 100  
Student record updated successfully.
```

\*Error Trapping

```
9. Exit  
Enter your choice (number): 7  
Enter Student ID to Edit: 202597  
Student not found.
```

#### 4. Show All Student Record (Order by Last Name)

```
--MENU--  
1. Open File  
2. Save File  
3. Save As File  
4. Show All Students Records  
5. Show Student Record  
6. Add Record  
7. Edit Record  
8. Delete Record  
9. Exit
```

Enter your choice (number): 4

```
--SHOW RECORD--
```

- 1. Order by Last Name
- 2. Order by Grade
- 3. Back to Main Menu

Enter your choice (number): 1

```
--STUDENT RECORDS (Ordered by Last Name)--
```

ID	Name	Class Standing	Exam
202598	Alexa Cueto	98.0	100.0
202599	Diana Robles	96.0	96.0

#### 5. Show All Student Record (Order by Grade)

```
--SHOW RECORD--
```

- 1. Order by Last Name
- 2. Order by Grade
- 3. Back to Main Menu

Enter your choice (number): 2

```
--STUDENT RECORDS (Ordered by Grade)--
```

ID	Name	Class Standing	Exam
202598	Alexa Cueto	98.0	100.0
202599	Diana Robles	96.0	96.0

## 6. Show Student Record

```
--MENU--  
1. Open File  
2. Save File  
3. Save As File  
4. Show All Students Records  
5. Show Student Record  
6. Add Record  
7. Edit Record  
8. Delete Record  
9. Exit
```

```
Enter your choice (number): 5  
Enter Student ID: 202599
```

```
--STUDENT RECORD--  
ID           Name           Class Standing      Exam  
-----  
202599      Diana Robles           96.0              96.0
```

\*Error trapping

```
Enter your choice (number): 5  
Enter Student ID: 202586  
Student not found.
```

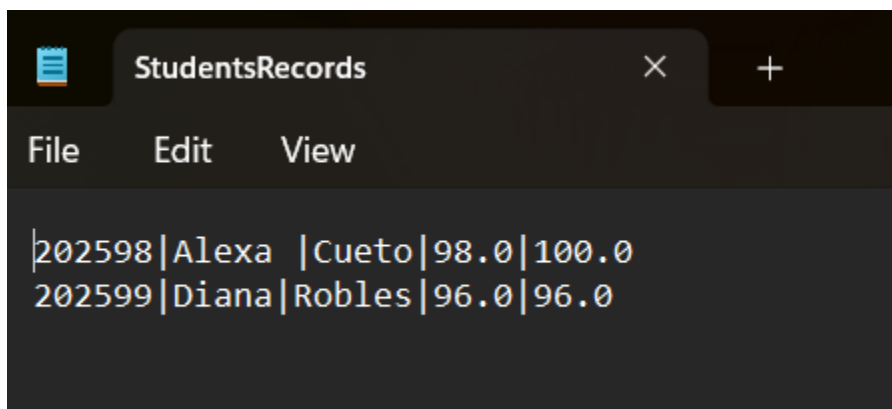
## 7. Save File

```
--MENU--  
1. Open File  
2. Save File  
3. Save As File  
4. Show All Students Records  
5. Show Student Record  
6. Add Record  
7. Edit Record  
8. Delete Record  
9. Exit  
Enter your choice (number): 2  
Records saved successfully to 'StudentsRecords'.
```

## 8. Save as File

```
--MENU--
1. Open File
2. Save File
3. Save As File
4. Show All Students Records
5. Show Student Record
6. Add Record
7. Edit Record
8. Delete Record
9. Exit
Enter your choice (number): 3
Enter new filename (with .txt extension): StudentsRecords
Records saved successfully as 'StudentsRecords'.
```

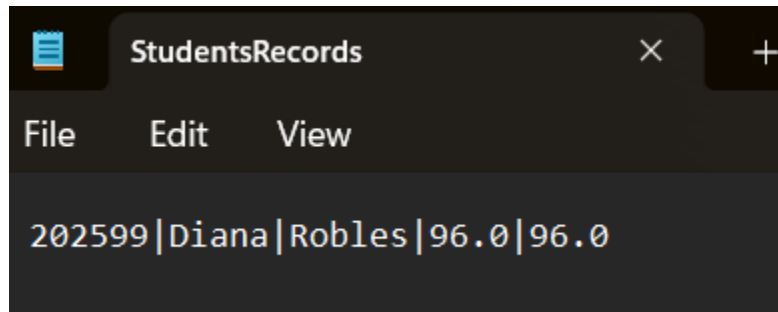
## 9. File



## 10. Delete Record

```
--MENU--
1. Open File
2. Save File
3. Save As File
4. Show All Students Records
5. Show Student Record
6. Add Record
7. Edit Record
8. Delete Record
9. Exit
Enter your choice (number): 8
Enter Student ID to Delete: 202598
Student record deleted successfully.
```

## 11. Updated StudentsRecords



## 9. Exit

```
--MENU--
1. Open File
2. Save File
3. Save As File
4. Show All Students Records
5. Show Student Record
6. Add Record
7. Edit Record
8. Delete Record
9. Exit
Enter your choice (number): 9
Exiting program...
PS C:\it0011_CUETO> 
```