

## Add Record:

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 1

Enter Student ID (6 digits): 202303  
Enter First Name: Eli King  
Enter Last Name: King  
Enter Class Standing Grade: 4.0  
Enter Major Exam Grade: 4.0

Record added.

Menu:

1. Add Record
2. Show All Students Record
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5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 1

Enter Student ID (6 digits): 111111  
Enter First Name: Landon  
Enter Last Name: King  
Enter Class Standing Grade: 4.0  
Enter Major Exam Grade: 4.0

Record added.

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 1

Enter Student ID (6 digits): 444  
Enter First Name: Glyndon  
Enter Last Name: King  
Enter Class Standing Grade: 3.5  
Enter Major Exam Grade: 3.5

Record added.

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 1

Enter Student ID (6 digits): 222222  
Enter First Name: Brandon  
Enter Last Name: King  
Enter Class Standing Grade: 3.5  
Enter Major Exam Grade: 4.0

Record added.

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 1

Enter Student ID (6 digits): 333333  
Enter First Name: Creighton  
Enter Last Name: King  
Enter Class Standing Grade: 3.0  
Enter Major Exam Grade: 3.5

Record added.

## SHOW ALL STUDENTS RECORD:

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 2

```
('202303', ('Eli King', 'King'), 4.0, 4.0)
('111111', ('Landon', 'King'), 4.0, 4.0)
('222222', ('Brandon', 'King'), 3.5, 4.0)
('333333', ('Creighton', 'King'), 3.0, 3.5)
('444', ('Glyndon', 'King'), 3.5, 3.5)
```

## EDIT RECORD:

Menu:

1. Add Record      Enter your choice: 2  
      ('202303', ('Eli', 'King'), 4.0, 4.0)
2. Show All Stude  
      ('111111', ('Landon', 'King'), 4.0, 4.0)
3. Edit Record      ('222222', ('Brandon', 'King'), 3.5, 4.0)
4. Delete Record    ('333333', ('Creighton', 'King'), 3.0, 3.5)
5. Order by Last name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 3

Enter Student ID to edit: 202303

Enter New First Name: Eli

Enter New Last Name: King

Enter New Class Standing Grade: 4.0

Enter New Major Exam Grade: 4.0

Record updated.

## Order by Last Name:

Menu:

1. Add Record
  2. Show All Students Record
  3. Edit Record
  4. Delete Record
  5. Order by Last Name
  6. Order by Grade
  7. Show Student Record
  8. Save File
  9. Save As File
  10. Open File
  11. Exit
- Enter your choice: 5
- ```
('202303', ('Eli', 'King'), 4.0, 4.0)
('111111', ('Landon', 'King'), 4.0, 4.0)
('222222', ('Brandon', 'King'), 3.5, 4.0)
('333333', ('Creighton', 'King'), 3.0, 3.5)
('444', ('Glyndon', 'King'), 3.5, 3.5)
('000000', ('Viktor', 'Orlov'), 2.0, 1.0)
```

... etc

Enter your choice: 1

Enter Student ID (6 digits): 000000

Enter First Name: Viktor

Enter Last Name: Orlov

Enter Class Standing Grade: 2.0

**ORDER BY GRADE:**

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 6

```
('202303', ('Eli', 'King'), 4.0, 4.0)
('111111', ('Landon', 'King'), 4.0, 4.0)
('222222', ('Brandon', 'King'), 3.5, 4.0)
('444', ('Glyndon', 'King'), 3.5, 3.5)
('333333', ('Creighton', 'King'), 3.0, 3.5)
('000000', ('Viktor', 'Orlov'), 2.0, 1.0)
```

**SHOW STUDENT RECORD:**

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 7

Enter Student ID: 111111

```
('111111', ('Landon', 'King'), 4.0, 4.0)
```

**DELETE RECORD:**

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 4

Enter Student ID to delete: 000000

Record deleted.

Enter your choice: 2

```
('202303', ('Eli', 'King'), 4.0, 4.0)
('111111', ('Landon', 'King'), 4.0, 4.0)
('222222', ('Brandon', 'King'), 3.5, 4.0)
('333333', ('Creighton', 'King'), 3.0, 3.5)
('444', ('Glyndon', 'King'), 3.5, 3.5)
```

**SAVE AS FILE:**

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 9

Enter new file name: King\_Family

File saved successfully.

**OPEN FILE:**

Menu:

1. Add Record
2. Show All Students Record
3. Edit Record
4. Delete Record
5. Order by Last Name
6. Order by Grade
7. Show Student Record
8. Save File
9. Save As File
10. Open File
11. Exit

Enter your choice: 10

Enter file name to open: King\_Family

File opened successfully.