appropriate location in the array.
- **Define your array duch that it is the size of MAX_COURSES + 1 instead of MAX_COURSES. Store item one in position 1, item two in position 2, and so on and so forth. Position 0 of the array will not be used.**

SAMPLE INPUT/OUTPUT:

```
// Comment in green, input in red, output in black

(A) Add Course
(G) Get Course
(R) Remove Course
(P) Print Courses in Planner
(F) Filter by Department Code
(L) Look For Course
(S) Size
(B) Backup
(PB) Print Courses in Backup
(RB) Revert to Backup
(Q) Quit

Enter a selection: A

Enter course name: Data Structures
Enter department: CSE
Enter course code: 214
Enter course section: 1
Enter instructor: Ahmad Esmaili
Enter position: 1

CSE 214.01 successfully added to planner.

// Menu not shown in sample i/o

Enter a selection: A

Enter course name: Linear Algebra
Enter department: AMS
Enter course code: 210
Enter course section: 2
Enter instructor: Alan Tucker
Enter position: 1

AMS 210.02 successfully added to planner.

// Menu not shown in sample i/o

Enter a selection: A

Enter course name: System Fundamentals
Enter department: CSE
Enter course code: 220
```

```
Enter course section: 2
Enter instructor: Jennifer Wong
Enter position: 2

CSE 220.01 successfully added to planner.

// Menu not shown in sample i/o

Enter a selection: S

There are 3 courses in the planner.

// Menu not shown in sample i/o

Enter a selection: A

Enter course name: Elements of Music
Enter department: MUS
Enter course code: 119
Enter course section: 2
Enter instructor: Taylor Ackley
Enter position: 4

MUS 119.02 successfully added to planner.

// Menu not shown in sample i/o

Enter a selection: F

Enter department code: CSE

No. Course Name            Department Code Section Instructor
------------------------------------------------------------------------
  2 System Fundamentals       CSE        220      01 Jennifer Wong
  3 Data Structures           CSE        214      01 Ahmad Esmaili

// Menu not shown in sample i/o

Enter a selection: G

Enter position: 1

No. Course Name            Department Code Section Instructor
------------------------------------------------------------------------
  1 Linear Algebra            AMS        210      02 Alan Tucker

// Menu not shown in sample i/o

Enter a selection: B

Created a backup of the current planner.

// Menu not shown in sample i/o
```

Enter a selection: L

Enter course name: **Elements of Music**
Enter department: **MUS**
Enter course code: **119**
Enter course section: **2**
Enter instructor: **Taylor Ackley**

MUS 119.02 is found in the planner at position 4.

Enter a selection: R

Enter position: **2**

CSE 220.01 has been successfully removed from the planner.

Enter a selection: P

Planner:
No.	Course Name	Department	Code	Section	Instructor
1	Linear Algebra	AMS	210	02	Alan Tucker
2	Data Structures	CSE	214	01	Ahmad Esmaili
3	Elements of Music	MUS	119	02	Taylor Ackley

Enter a selection: PB

Planner (Backup):
No.	Course Name	Department	Code	Section	Instructor
1	Linear Algebra	AMS	210	02	Alan Tucker
2	System Fundamentals	CSE	220	01	Jennifer Wong
3	Data Structures	CSE	214	01	Ahmad Esmaili
4	Elements of Music	MUS	119	02	Taylor Ackley

Enter a selection: RB

Planner successfully reverted to the backup copy.

Enter a selection: A

Enter course name: **Classical Physics I**
Enter department: **PHY**
Enter course code: **131**
Enter course section: **1**

```
Enter instructor: Thomas Hemmick
Enter position: 4

// Menu not shown in sample i/o

Enter a selection: P

Planner (Backup):
No. Course Name            Department Code Section Instructor
------------------------------------------------------------------------
  1 Linear Algebra         AMS          210     02 Alan Tucker
  2 System Fundamentals    CSE          220     01 Jennifer Wong
  3 Data Structures        CSE          214     01 Ahmad Esmaili
  4 Classical Physics I    PHY          131     01 Thomas Hemmick
  5 Elements of Music      MUS          119     02 Taylor Ackley

// Menu not shown in sample i/o

Enter a selection: Q

Program terminating successfully...
```

Course Info | **Schedule** | **Sections** | **Announcements** | **Homework** | **Exams** | **Help/FAQ** |
Grades | **HOME**