

Screen Shots

1. Initial menu

```
Enter Choice
1. Add a record
2. Display record
3. Save data to text file and Exit
4. Update data
5. Delete record
6. Exit without saving
```

1.1 Adding a record

```
Enter the number of records you want to enter..
3
```

```
Enter the teacher's ID :
101
Enter the teacher's name :
Adam
Enter Class :
8
Enter Section :
C
```

```
Enter the teacher's ID :  
102  
Enter the teacher's name :  
Eve  
Enter Class :  
6  
Enter Section :  
B
```

```
Enter the teacher's ID :  
103  
Enter the teacher's name :  
Dan  
Enter Class :  
5  
Enter Section :  
A
```

Above steps will add 3 teacher's data in the record

1.2 Displaying the record

```
ID = 101  
Teacher Name = Adam  
Class = 8  
Section = C
```

```
ID = 102  
Teacher Name = Eve  
Class = 6  
Section = B
```

```
ID = 103  
Teacher Name = Dan  
Class = 5  
Section = A
```

1.3 Updating teacher's record

```
Enter Choice
1. Add a record
2. Display record
3. Save data to text file and Exit
4. Update data
5. Delete record
6. Exit without saving
4
```

1.3.1 The user will have to enter teacher's Id

```
Enter the teacher's id to update data ..
102
```

1.3.2 If ID is not found in records, then the script will throw an error message as shown below.

```
Enter the teacher's id to update data ..
1001

Index not found in records
```

1.3.3 The user will get following options to update (if ID exists)

```
Enter choice
1. Name
2. Class
3. Section
```

1.3.4 Below, the user has opted for 2nd option

```
Enter new class allocated ..
10
```

1.3.5 Before (left) and After (right) updating data

```
ID = 102
Teacher Name = Eve
Class = 6
Section = B
```

```
ID = 102
Teacher Name = Eve
Class = 10
Section = B
```

Note: You can observe that class for teacher ID 102 has been changed from 6th to 10th.

1.4 Deleting a record

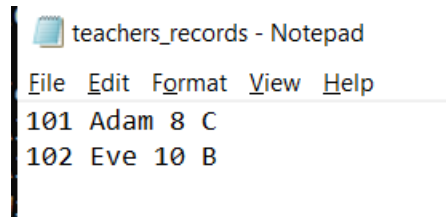
```
Enter the teacher's id to delete record ..  
110  
ID not found in records
```

Note: We have entered only three records with ID – 101,102,103. If the user enters any ID except these will show an error message as shown above.

1.4.1 The id matching to the records will be deleted with message shown as below.


```
Enter the teacher's id to delete record ..  
103  
  
Teacher's Name :Dan  
Allocated Class :5  
Allocated Section :A  
Will be deleted from records ..
```

1.5 Save and exit



```
teachers_records - Notepad  
File Edit Format View Help  
101 Adam 8 C  
102 Eve 10 B
```

Note: The final data after all user transaction will be saved in text file as shown below. In case the user will add a new data to this file, the previous data will be retained as shown below.

 teachers_records - Notepad

File Edit Format View Help

```
101 Adam 8 C
102 Eve 10 B
103 danny 4 D
```

1.6 Similarly, user can Exit without saving data to text file.

Enter Choice

1. Add a record
2. Display record
3. Save data to text file and Exit
4. Update data
5. Delete record
6. Exit without saving