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 step added 3 teacher's data in 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 a 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 through 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 options

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

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

```
ID = 102                        ID = 102
Teacher Name = Eve              Teacher Name = Eve
Class = 6                       Class = 10
Section = B                     Section = B
```

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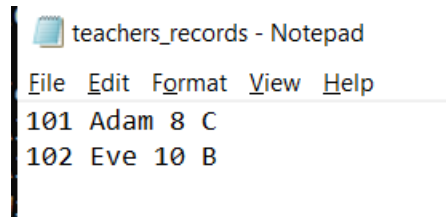
1.4 Deleting a record

```
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
```