Note - RugbyPlayer.java has no output, it is just a store for the RugbyPlayer class

```
C:\Users\Charlie\Documents\Uni Modules\Java - CM1210\Coursework 1\1>java MainProgram

1-Add a new player
2-Create a new file
3-Display all players
4-Search by team name
5-Delete a player
6-Search by specified field
7-Display a subset of players
8-Exit
```

1 – Running the program and the main menu

```
1
Add a new rugby player
Player Name:
jonathan sexton
Player ID
RFU26948
Tries Scored
0
Team Name
Bath
Team ID
BTH0739
Home Stadium Name
Recreation Ground
Home Stadium Street
The Strand
Home Stadium Town
Bath
Home Stadium Postcode
B1ABC
Player Added
```

```
Alun Wyn-Jones, RFU00005, 34, Bath, BTH0739, Recreation Ground, The Strand, Bath, B1ABC
Kyle Sincler, RFU01010, 87, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
George North, RFU05674, 108, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
jonathan sexton, RFU26948, 0, Bath, BTH0739, Recreation Ground, The Strand, Bath, B1ABC
```

2- Adding a new player, and the "players.txt" file, just to show that they have been added

```
2                     2
File already exists File created
```

3 – Creating a new file if the file already exists

4 – Creating a new file if the file doesn't already exist

```
3
Display all players
Alun Wyn-Jones, RFU00005, 34, Bath, BTH0739, Recreation Ground, The Strand, Bath, B1ABC
Kyle Sincler, RFU01010, 87, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
George North, RFU05674, 108, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
jonathan sexton, RFU26948, 0, Bath, BTH0739, Recreation Ground, The Strand, Bath, B1ABC
```

5 – Displaying all players

```
4
Enter your search term:
Cardiff
Kyle Sincler, RFU01010, 87, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
George North, RFU05674, 108, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
```

```
4
Enter your search term:
cardiff
No matches
```

6 – Search by team name

7 – Demonstration that the substring search is case sensitive

```
5
Choose which player to delete (as integer):
4
Player jonathan sexton deleted.
```

```
5
Choose which player to delete (as integer):
4
That player doesn't exist
```

8 – Deleting a player, specified by their position in the list

9 – Trying to delete a player that is out of range of the list

```
6

1-Home Stadium Name
2-Home Stadium Street
3-Home Stadium Town
4-Home Stadium Postcode
1
Enter your search:
Recreation Ground
Recreation Ground, The Strand, Bath, B1ABC
```

```
6

1-Home Stadium Name
2-Home Stadium Street
3-Home Stadium Town
4-Home Stadium Postcode
1
Enter your search:
ReCrEaTiOn GrOuNd
Recreation Ground, The Strand, Bath, B1ABC
```

10 – Demonstration of search by data fields

11 – Demonstration that search is case insensitive

```
7
Enter what number you want to start at:
2
Enter what number you want to stop at
3
Kyle Sincler, RFU01010, 87, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
George North, RFU05674, 108, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
```

```
Enter what number you want to start at:
1
Enter what number you want to stop at
3
Alun Wyn-Jones, RFU00005, 34, Bath, BTH0739, Recreation Ground, The Strand, Bath, B1ABC
Kyle Sincler, RFU01010, 87, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
George North, RFU05674, 108, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
```

```
7
Enter what number you want to start at:
1
Enter what number you want to stop at
4
Alun Wyn-Jones, RFU00005, 34, Bath, BTH0739, Recreation Ground, The Strand, Bath, B1ABC
Kyle Sincler, RFU01010, 87, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
George North, RFU05674, 108, Cardiff Blues, CDB2456, Cardiff Arms Park, Westgate Street, Cardiff, C1IJA
There aren't that many players
```

```
7
Enter what number you want to start at:
0
Enter what number you want to stop at
3
There aren't that many players
```

12 & 13 – Demonstration of the subset display function

14 & 15– Error message given when trying to display more users than there are (or you start anywhere below 1)

```
8
Goodbye

C:\Users\Charlie\Documents\Uni Modules\Java - CM1210\Coursework 1\1>
```

16 – Exiting the program