

Java Student Entry Program

C1646151 Charles Read – Screenshots

Main Menu

```
C:\Windows\system32\cmd.exe - java App

C:\Users\Charl\Dropbox\Computer Science\Year 1\CM1209 Object Oriented Java Progr
n\Q1>javac App.java

C:\Users\Charl\Dropbox\Computer Science\Year 1\CM1209 Object Oriented Java Progr
n\Q1>java App

--Student Entries Program--

1. Add new Entry
2. Search Data
3. View Data
4. Delete Entry
5. Quit Program

Please enter the number that corresponds to your option: 1
```

Adding a Student Entry.

```
4. Delete Entry
5. Quit Program

Please enter the number that corresponds to your option: 1

Please enter student name: Charlie
Please enter student number: C123123
Please enter course name: Maths
Please enter course ID: CF1231
Please enter house number: 44a
Please enter a street name: Namoch Road
Please enter a town name: Basak
Please enter a postcode: CD3KK

This entry can be saved in a .txt or .bin file.
Please enter the file this entry shall be stored in: students.txt

The student entry has now been created.

Program has been quit.
```

Searching by Couse Name

```
Only txt or bin files can be searched.
Please enter the file that will be searched: students.bin

1. Search by Course Name
2. Search by Address
3. Search by Position

Please enter the number that corresponds to your method of search: 1

Please enter the course name: Maths

Dayden, C122331, CM1112, Maths, 31b, Maths Road, Newcal, BA2PA

Results empty if no none found.

Program has ended.
```

Search by Address

```
Only txt or bin files can be searched.
Please enter the file that will be searched: students.txt
```

- ```
1. Search by Course Name
2. Search by Address
3. Search by Position
```

```
Please enter the number that corresponds to your method of search: 2
```

```
House numbers, street names, towns or postcodes are accepted.
Please enter one of these substrings: Cardiff
```

```
James, C567456, CD8907, Nothing, 67Y, Gotham, Cardiff, CF1RR
Charlie, C123333, EC2211, Economics, 111, Todnam Road, Cardiff, CF3UU
```

```
Results empty if no none found.
```

```
Program has ended.
```

### Search By Range

```
Please enter the number that corresponds to your method of search: 3
```

```
Please enter the first position in your range: 2
Please enter the last position in your range: 5
```

```
David Smith, C123222, PY2333, Physics, 31, Primal Grove, Newport, NU2FF
Jayden, C122331, CM1112, Maths, 31b, Maths Road, Newcal, BA2PA
Charlie, C123333, EC2211, Economics, 111, Todnam Road, Cardiff, CF3UU
Ollie, C343222, MM2222, Media, 35a, Keppoch, Brazil, BA2LL
```

```
Results empty if no none found.
```

```
Program has ended.
```

### View Students

```
Please enter the number that corresponds to your option: 3
```

```
Only txt or bin files can be displayed.
Please enter the file that will be displayed: students.bin
```

```
James, C567456, CD8907, Nothing, 67Y, Gotham, Cardiff, CF1RR
David Smith, C123222, PY2333, Physics, 31, Primal Grove, Newport, NU2FF
Jayden, C122331, CM1112, Maths, 31b, Maths Road, Newcal, BA2PA
Daniel, C123442, CM2222, Science, 23a, s, test, BA4GG
Makai, C888222, CF3333, Graphics, 76, Trotman, Liverpool, VV3LK
```

```
Program has now ended.
```

### Delete Student

```
Please enter the number that corresponds to your option: 4
```

```
Only txt or bin files can be edited.
Please enter the file that will be edited: students.txt
```

```
Please enter the student's position as an integer. 3
```

```
Student has been deleted.
```

```
Program has now ended.
```