

## Project 2 - Vivian Vu

**\*\*No Known Limitations Currently\*\***

```
*****
*****  VUV2 Employee Database - Total Employees:  9  *****
*****

Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
2

No. EmpID Employee Name      Email      Salary
-----
0   00306 Wei Martin         wm@aol.com $ 98999.99
1   00307 Mitch Martinez    mitch@aol.com $ 78999.88
2   00408 David Boyle        db@aol.com $ 100000.01
3   00204 Christine Bluer    cb@aol.com $ 40009.99
4   00305 Stephen Black      sb@aol.com $ 8500.01
5   00409 Chris Boyle        cb@aol.com $ 200000.01
6   00101 Paula Brown        pb@aol.com $ 1000.37
7   00102 Paul Green         pg@aol.com $ 2700.45
8   00203 Chris Reddy        cr@aol.com $ 2304.67

*****
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*****

Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
1

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Choose one of the menu options:

1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit

2

No.	EmpID	Employee Name	Email	Salary
0	00101	Paula Brown	pb@aol.com	\$ 1000.37
1	00102	Paul Green	pg@aol.com	\$ 2700.45
2	00203	Chris Reddy	cr@aol.com	\$ 2304.67
3	00204	Christine Bluer	cb@aol.com	\$ 40009.99
4	00305	Stephen Black	sb@aol.com	\$ 8500.01
5	00306	Wei Martin	wm@aol.com	\$ 98999.99
6	00307	Mitch Martinez	mitch@aol.com	\$ 78999.88
7	00408	David Boyle	db@aol.com	\$ 100000.01
8	00409	Chris Boyle	cb@aol.com	\$ 200000.01

\*\*\*\*\*  
\*\*\*\*\* VUV2 Employee Database - Total Employees: 9 \*\*\*\*\*  
\*\*\*\*\*

Choose one of the menu options:

1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit

3

Enter the ID you are searching for  
55654

No.	EmpID	Employee Name	Email	Salary
-----	-------	---------------	-------	--------

\*\*\*\*\*  
\*\*\*\*\* VUV2 Employee Database - Total Employees: 9 \*\*\*\*\*  
\*\*\*\*\*

Choose one of the menu options:

1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit

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*****
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*****

Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
3
Enter the ID you are searching for
00307
No. EmpID Employee Name      Email                      Salary
---
6    00307 Mitch Martinez    mitch@aol.com             $ 78999.88

*****
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*****

Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
```

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```
*****
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*****

Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
4
Enter the last name  you are searching for
Boyle
No.  EmpID  Employee Name          Email                      Salary
-----
7    00408  David Boyle                     db@aol.com                 $ 100000.01
8    00409  Chris Boyle                     cb@aol.com                 $ 200000.01

*****
*****  VUV2 Employee Database - Total Employees:  9  *****
*****

Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
```

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```
Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
5
Enter the ID you are searching for
00203
No. EmpID Employee Name      Email      Salary
---
2   00203 Chris Reddy          cr@aol.com $ 2304.67

*****
***** VUV2 Employee Database - Total Employees: 8 *****
*****

Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
2
No. EmpID Employee Name      Email      Salary
---
0   00101 Paula Brown          pb@aol.com $ 1000.37
1   00102 Paul Green         pg@aol.com $ 2700.45
2   00409 Chris Boyle        cb@aol.com $ 200000.01
3   00204 Christine Bluer    cb@aol.com $ 40009.99
4   00305 Stephen Black      sb@aol.com $ 8500.01
5   00306 Wei Martin         wm@aol.com $ 98999.99
6   00307 Mitch Martinez     mitch@aol.com $ 78999.88
7   00408 David Boyle        db@aol.com $ 100000.01
```



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```
Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
6
Enter the Last Name you are searching for
Boyle
No. EmpID Employee Name      Email      Salary
-----
2   00409 Chris Boyle        cb@aol.com $ 200000.01

***** VUV2 Employee Database - Total Employees: 7 *****
*****

Choose one of the menu options:
1. Sort with ID
2. Display all employees
3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
2
No. EmpID Employee Name      Email      Salary
-----
0   00101 Paula Brown        pb@aol.com $   1000.37
1   00102 Paul Green         pg@aol.com $   2700.45
2   00408 David Boyle        db@aol.com $ 100000.01
3   00204 Christine Bluer    cb@aol.com $   40009.99
4   00305 Stephen Black      sb@aol.com $    8500.01
5   00306 Wei Martin         wm@aol.com $   98999.99
6   00307 Mitch Martinez     mitch@aol.com $   78999.88
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*****
***** VUV2 Employee Database - Total Employees: 9 *****
*****

Choose one of the menu options:
1. Sort with ID
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3. Search employee by ID
4. Search employee by Last Name
5. Delete employee by ID
6. Delete employee by Last Name
7. Exit
7
Bye!
```

```
==2637==
==2637== HEAP SUMMARY:
==2637==    in use at exit: 0 bytes in 0 blocks
==2637== total heap usage: 11 allocs, 11 frees, 8,736 bytes allocated
==2637==
==2637== All heap blocks were freed -- no leaks are possible
==2637==
```