

Employee Database

Starting with following data

```
id_list = [1, 2, 3, 4]
name_list = ["ahmed ali", "Ali ahmed", 'amr ahmed', 'ali mahmoud']
sal_list = [2000, 3000, 4000, 5000]
dep_list = ['finance', 'HR', 'Eng', 'HR']
```

```
**** Welcome to Employees Database ****
```

```
1-new
```

```
2-search
```

```
3-delete
```

```
4-show all
```

```
5-quit
```

```
Choose process:
```

-Use match case

-Use clear screen

1-new

```
enter name , salary, dep:
```

The user must enter all 3 values separated by commas

Examples

Normal:

```
enter name , salary, dep: Muhammed, 3000, Engineering  
  
Added new Employee:  
ID: 5 , Name: muhammed , Salary: 3000.0, Department Engineering
```

Missing salary

```
enter name , salary, dep: Muhammed, , HR  
  
Added new Employee:  
ID: 6 , Name: muhammed , Salary: 0.0, Department HR
```

Non-string salary

```
enter name , salary, dep: Muhammed, kdff, HR  
  
Added new Employee:  
ID: 8 , Name: muhammed , Salary: 0.0, Department HR
```

Missing all 3

```
enter name , salary, dep: , ,  
  
Added new Employee:  
ID: 7 , Name: , Salary: 0.0, Department
```

Note: ID is auto incrementing and salary must be float

Invalid entry

```
enter name , salary, dep: Muhammed  
  
Invalid Entry
```

2-Search:

```
search by first name:
```

Here we search by starting letters

```
search by first name: a
ID : 1   Name:      ahmed ali      , Salary: 2000 , Department  finance
ID : 2   Name:      Ali ahmed      , Salary: 3000 , Department  HR
ID : 3   Name:      amr ahmed      , Salary: 4000 , Department  Eng
ID : 4   Name:      ali mahmoud    , Salary: 5000 , Department  HR
```

```
search by first name: ali
ID : 2   Name:      Ali ahmed      , Salary: 3000 , Department  HR
ID : 4   Name:      ali mahmoud    , Salary: 5000 , Department  HR
```

CASE INSENSITIVE

3-Delete:

```
search by first name:
```

Here we delete also by starting characters

```
search by first name: ali

Deleting Employee:
ID: 4 , Name: ali mahmoud , Salary: 5000, Department HR

Deleting Employee:
ID: 2 , Name: Ali ahmed , Salary: 3000, Department HR
```

CASE INSENSITIVE

4-Show all:

```
ALL Employees:
ID: 1   Name:      ahmed ali      , Salary: 2000 , Department  finance
ID: 3   Name:      amr ahmed      , Salary: 4000 , Department  Eng
ID: 5   Name:      muhammed       , Salary: 3000.0, Department  Engineering
ID: 6   Name:      muhammed       , Salary: 0.0   , Department  HR
ID: 7   Name:      muhammed       , Salary: 0.0   , Department  HR
ID: 8   Name:      muhammed       , Salary: 0.0   , Department  HR
```