

# C++ Programming

## Char Arrays Homework

## Application

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# Employee Program (v1)

- Help our factory in managing his employees. Create a program that does the following:
  - Display the following choices:
    - Enter your choice:
    - 1) Add new employee
    - 2) Print all employees
    - 3) Delete by age
    - 4) Update Salary by name
  - You will keep the program running forever. Display the choices and user input from 1 to 4

# Employee Program (v1)

- For choice 1: Allow the manager to enter information of an employee
  - Ask user to input: Str int int and Char
  - Add the information to your database
- For choice 2: Print all employees. Line per employee
- For choice 3: User enter to values, start age and end age
  - Find all employees with:  $\text{start\_age} \leq \text{age} \leq \text{end\_age}$  and remove them
- For choice 4: User enter name, then salary
  - Find the employee and update his salary
- See screenshots

# Employee Program (v1)

```
Enter your choice:
1) Add new employee
2) Print all employees
3) Delete by age
4) Update Salary by name
```

```
1
Enter name: mostafa
Enter age: 33
Enter salary: 12345
Enter gender (M/F): M
```

```
Enter your choice:
1) Add new employee
2) Print all employees
3) Delete by age
4) Update Salary by name
```

```
1
Enter name: Mona
Enter age: 28
Enter salary: 3333
Enter gender (M/F): F
```

```
Enter your choice:
1) Add new employee
2) Print all employees
3) Delete by age
4) Update Salary by name
```

```
2
*****
mostafa 33 12345 M
Mona 28 3333 F
```

```
Enter your choice:
1) Add new employee
2) Print all employees
3) Delete by age
4) Update Salary by name
```

```
4
Enter the name and salary mostafa 505
```

```
Enter your choice:
1) Add new employee
2) Print all employees
3) Delete by age
4) Update Salary by name
```

```
2
*****
mostafa 33 505 M
Mona 28 3333 F
```

```
Enter your choice:
1) Add new employee
2) Print all employees
3) Delete by age
4) Update Salary by name
```

```
3
Enter start and end age|
20 30
```

```
Enter your choice:
1) Add new employee
2) Print all employees
3) Delete by age
4) Update Salary by name
```

```
2
*****
mostafa 33 505 M
```

*“Acquire knowledge and impart it to the people.”*

*“Seek knowledge from the Cradle to the Grave.”*