

```
1. Add Employee
2. Display All
3. Salary Stats
4. Apply Appraisal
5. Search
6. Promotion Eligibility
7. Exit
Enter choice: 1
Enter Employee ID: 101
Enter Name: Alex
Department Codes: 0-IT 1-HR 2-Finance 3-Marketing 4-Operations
Enter Department: 0
Designation Codes: 0-Intern 1-Junior 2-Senior 3-Manager 4-Director
Enter Designation: 0
Enter Salary: 11000
Enter Joining Date-onebyone (dd mm yyyy): 03
12
2025
Enter Phone Number: 7381753718
Enter Email: alex@gmail.com
Employee Added.
```

```
1. Add Employee
2. Display All
3. Salary Stats
4. Apply Appraisal
5. Search
6. Promotion Eligibility
7. Exit
Enter choice: 1
Enter Employee ID: 102
Enter Name: Sarah
Department Codes: 0-IT 1-HR 2-Finance 3-Marketing 4-Operations
Enter Department: 1
Designation Codes: 0-Intern 1-Junior 2-Senior 3-Manager 4-Director
Enter Designation: 3
Enter Salary: 67000
Enter Joining Date-onebyone (dd mm yyyy): 04
07
2024
Enter Phone Number: 0398762784
Enter Email: sarah@gmail.com
Employee Added.
```

```
1. Add Employee
2. Display All
3. Salary Stats
4. Apply Appraisal
```

```
1. Add Employee
2. Display All
3. Salary Stats
4. Apply Appraisal
5. Search
6. Promotion Eligibility
7. Exit
Enter choice: 1
Enter Employee ID: 103
Enter Name: Ali
Department Codes: 0-IT 1-HR 2-Finance 3-Marketing 4-Operations
Enter Department: 4
Designation Codes: 0-Intern 1-Junior 2-Senior 3-Manager 4-Director
Enter Designation: 4
Enter Salary: 827823
Enter Joining Date-onebyone (dd mm yyyy): 09
05
2023
Enter Phone Number: 987656789
Enter Email: ali@gmail.com
Employee Added.

1. Add Employee
2. Display All
3. Salary Stats
4. Apply Appraisal
5. Search
6. Promotion Eligibility
7. Exit
Enter choice: 1
Enter Employee ID: 104
Enter Name: Diana
Department Codes: 0-IT 1-HR 2-Finance 3-Marketing 4-Operations
Enter Department: 1
Designation Codes: 0-Intern 1-Junior 2-Senior 3-Manager 4-Director
Enter Designation: 2
Enter Salary: 98763
Enter Joining Date-onebyone (dd mm yyyy): 09
09
2010
Enter Phone Number: 345654321
Enter Email: diana@gmail.com
Employee Added.

1. Add Employee
2. Display All
3. Salary Stats
4. Apply Appraisal
5. Search
6. Promotion Eligibility
7. Exit
Enter choice: 1
Enter Employee ID: Ginny
Enter Name: Department Codes: 0-IT 1-HR 2-Finance 3-Marketing 4-Operations
Enter Department: 3
Designation Codes: 0-Intern 1-Junior 2-Senior 3-Manager 4-Director
Enter Designation: 3
Enter Salary: 98000
Enter Joining Date-onebyone (dd mm yyyy): 09
12
2021
Enter Phone Number: 987656789
Enter Email: ginny@gmail.com
Employee Added.

1. Add Employee
2. Display All
3. Salary Stats
4. Apply Appraisal
5. Search
6. Promotion Eligibility
7. Exit
Enter choice: 1
Enter Employee ID: 106
Enter Name: Olive
Department Codes: 0-IT 1-HR 2-Finance 3-Marketing 4-Operations
Enter Department: 0
```

```
Enter Employee ID: 106
Enter Name: Olive
Department Codes: 0-IT 1-HR 2-Finance 3-Marketing 4-Operations
Enter Department: 0
Designation Codes: 0-Intern 1-Junior 2-Senior 3-Manager 4-Director
Enter Designation: 2
Enter Salary: 23456
Enter Joining Date-onebyone (dd mm yyyy): 06
04
2017
Enter Phone Number: 8765456789
Enter Email: olive@gmail.com
Employee Added.
```

1. Add Employee
 2. Display All
 3. Salary Stats
 4. Apply Appraisal
 5. Search
 6. Promotion Eligibility
 7. Exit
- ```
Enter choice: 2
```

```
ID: 101
Name: Alex
Department: IT
Designation: Intern
Salary: 11000.00
Joining Date: 3/12/2025
Experience: -1 years
Phone: 7381753718
Email: alex@gmail.com
```

```
ID: 102
Name: Sarah
Department: HR
Designation: Manager
Salary: 67000.00
Joining Date: 4/7/2024
Experience: 1 years
Phone: 0398762784
Email: sarah@gmail.com
```

```
ID: 103
Name: Ali
Department: Operations
Designation: Director
Salary: 827823.00
Joining Date: 9/5/2023
```

ID: 103  
Name: Ali  
Department: Operations  
Designation: Director  
Salary: 827823.00  
Joining Date: 9/5/2023  
Experience: 2 years  
Phone: 987656789  
Email: ali@gmail.com

ID: 104  
Name: Diana  
Department: HR  
Designation: Senior  
Salary: 98763.00  
Joining Date: 9/9/2010  
Experience: 15 years  
Phone: 345654321  
Email: diana@gmail.com

ID: 0  
Name: Ginny  
Department: Marketing  
Designation: Manager  
Salary: 98000.00  
Joining Date: 9/12/2021  
Experience: 3 years  
Phone: 987656789  
Email: ginny@gmail.com

ID: 106  
Name: Olive  
Department: IT  
Designation: Senior  
Salary: 23456.00  
Joining Date: 6/4/2017  
Experience: 8 years  
Phone: 8765456789  
Email: olive@gmail.com

1. Add Employee
  2. Display All
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  5. Search
  6. Promotion Eligibility
  7. Exit
- Enter choice: 3

```
Enter choice: 3
IT Average Salary: 17228.00
HR Average Salary: 82881.50
Finance: No Employees
Marketing Average Salary: 98000.00
Operations Average Salary: 827823.00
```

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7. Exit

```
Enter choice: 4
Enter appraisal percent (5-15): 7
Appraisal Applied.
```

1. Add Employee
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4. Apply Appraisal
5. Search
6. Promotion Eligibility
7. Exit

```
Enter choice: 3
IT Average Salary: 18433.96
HR Average Salary: 88683.20
Finance: No Employees
Marketing Average Salary: 104860.00
Operations Average Salary: 885770.63
```

1. Add Employee
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5. Search
6. Promotion Eligibility
7. Exit

```
Enter choice: 5
1. Department
2. Designation
3. Experience
```

```
Enter choice: 3
Minimum Experience: 4
Diana
```

```
6. Promotion Eligibility
```

```
7. Exit
```

```
Enter choice: 5
```

```
1. Department
```

```
2. Designation
```

```
3. Experience
```

```
Enter choice: 3
```

```
Minimum Experience: 4
```

```
Diana
```

```
Olive
```

```
1. Add Employee
```

```
2. Display All
```

```
3. Salary Stats
```

```
4. Apply Appraisal
```

```
5. Search
```

```
6. Promotion Eligibility
```

```
7. Exit
```

```
Enter choice: 5
```

```
1. Department
```

```
2. Designation
```

```
3. Experience
```

```
Enter choice: 1
```

```
Enter Department (0-4): 0
```

```
Alex
```

```
Olive
```

```
1. Add Employee
```

```
2. Display All
```

```
3. Salary Stats
```

```
4. Apply Appraisal
```

```
5. Search
```

```
6. Promotion Eligibility
```

```
7. Exit
```

```
Enter choice: 6
```

```
Diana (15 years)
```

```
Olive (8 years)
```

```
1. Add Employee
```

```
2. Display All
```

```
3. Salary Stats
```

```
4. Apply Appraisal
```

```
5. Search
```

```
6. Promotion Eligibility
```

```
7. Exit
```

```
Enter choice: 7
```

```

Process exited after 353.7 seconds with return value 0
```