

Q1. Print histogram by using integer array.

- 1)Array length taken from user.
- 2)Find largest and smallest value in array.

Q2.Create an array of students.

- 1)Input size of array from user.
- 2)Input student information from user (Name, Age, Gender)
- 3)Find eldest & youngest student.
- 4)Print all male and female students.
- 5)Find average age of students (Return the average in main class)
- 6)Find average age of student male (Return the average in main class)
- 7)Count the male and female students (Return the count in main class)

Q3. Program to print histogram of vowels from user input string .

Separate the vowels & count that vowels nd print its histogram.

Q4.Modify employee class with addition of employee role also update final salary calculation logic as below:

```
if role= Manager
totalSalary=baseSalary + (50 % of baseSalary)-(baseSalary/4.25)
```

```
if role= Developer
totalSalary=baseSalary + (40 % of baseSalary)-(baseSalary/10)
```

```
if role= Tester
totalSalary=baseSalary + (45 % of baseSalary)-(baseSalary/15)
```