

Q). Write a program in Python that Create class EMPLOYEE for storing details (Name, Designation, gender, Date of Joining and Salary). Define function members to compute

- a) total number of employees in an organization
- b) count of male and female employee
- c) Employee with salary more than 10,000
- d) Employee with designation "Asst Manager"

```
'''Write a program in Python that Create class EMPLOYEE for storing details
(Name,
Designation, gender, Date of Joining and Salary). Define function members to
compute
a) total number of employees in an organization
b) count of male and female employee
c) Employee with salary more than 10,000
d) Employee with designation "Asst Manager"'''
```

```
class Employee:
    total_count = 0
    male_count = 0
    female_count = 0
    designation_check = []
    salary_check = 0

    def __init__(self, name, gender, doj, designation, salary):
        self.name = name
        self.gender = gender
        self.doj = doj
        self.designation = designation
        self.salary = salary

        Employee.total_count += 1

        if self.gender == "male":
            Employee.male_count += 1
        else:
            Employee.female_count += 1

        if self.designation == "Asst Manager":
            Employee.designation_check.append(self.name)

        if self.salary > 10000:
            Employee.salary_check += 1

    def total_ct(self):
        print("Total number of Employees:", self.total_count)
```

```

def male_ct(self):
    print("Total number of male Employees:", self.male_count)

def female_ct(self):
    print("Total number of female Employees:", self.female_count)

def designation1(self):
    print("Assistant Managers:", self.designation_check)

def salary1(self):
    print("Employees with salary greater than 10000:", self.salary_check)

Emp1 = Employee("Ajay", "male", "19-02-2023", "Asst Manager", 10000)
Emp2 = Employee("Mahesh", "male", "16-08-2019", "Senior Manager", 30000)
Emp3 = Employee("Riddhi", "female", "13-09-2021", "Asst Manager", 15000)
Emp3.total_ct()
Emp3.male_ct()
Emp3.female_ct()
Emp3.designation1()

```

Output:-

```

C:\Users\Admin\PycharmProjects\project2\.venv\Scripts\python.exe C:\Users\Admin\PycharmProjects\project2\oop\oop.py
Total number of Employees: 3
Total number of male Employees: 2
Total number of female Employees: 1
Assistant Managers: ['Ajay', 'Riddhi']
Process finished with exit code 0

```