

Part B

1. Program to create a class Employee with empno, name, depname, designation, age and salary and perform the following function. i) Accept details of N employees ii) Search given employee using empno iii) Display employee details in neat format.

Code:

```
class Employee:
```

```
    def __init__(self):
```

```
        empno=0
```

```
        name=""
```

```
        dept=""
```

```
        designation=""
```

```
        age=0
```

```
        salary=0
```

```
    def getdetails(self):
```

```
        self.empno=int(input("Enter employee number:"))
```

```
        self.name=input("Enter employee name:")
```

```
        self.dept=input("Enter department name:")
```

```
        self.designation=input("Enter designation:")
```

```
        self.age=int(input("Enter age:"))
```

```
        self.salary=int(input("Enter salary:"))
```

```
    def showdata(self):
```

```
        print("\n Employeee no:",self.empno)
```

```
        print("Name:",self.name)
```

```
        print("Department:",self.dept)
```

```
        print("Designation:",self.designation)
```

```
        print("Age:",self.age)
```

```
print("Salary:",self.salary)
```

```
def search(self,eno,L):
```

```
    for emp in L:
```

```
        if eno==emp.empno:
```

```
            return emp
```

```
def main():
```

```
    n=int(input("Enter total no of employees:"))
```

```
    L=list()
```

```
    for i in range(n):
```

```
        emp=Employee()
```

```
        emp.getdetails()
```

```
        L.append(emp)
```

```
    print("\n Printing details of all the employees...")
```

```
    for emp in L:
```

```
        emp.showdata()
```

```
    eno=int(input("Enter the employee number you want to search:"))
```

```
    e=emp.search(eno,L)
```

```
    if e is not None:
```

```
        e.showdata()
```

```
    else:
```

```
        print("Employee does not exists")
```

```
if __name__=="__main__":
```

```
    main()
```

Output:

```
Enter total no of employees:2
Enter employee number:101
Enter employee name:Ankith
Enter department name:Accounting
Enter designation:Kundapura
Enter age:30
Enter salary:30000
Enter employee number:102
Enter employee name:Ashritha
Enter department name:sales
Enter designation:Kodi
Enter age:28
Enter salary:25000

Printing details of all the employees...

Employeee no: 101
Name: Ankith
Department: Accounting
Designation: Kundapura
Age: 30
Salary: 30000

Employeee no: 102
Name: Ashritha
Department: sales
Designation: Kodi
Age: 28
Salary: 25000
Enter the employee number you want to search:102

Employeee no: 102
Name: Ashritha
Department: sales
Designation: Kodi
Age: 28
Salary: 25000
```