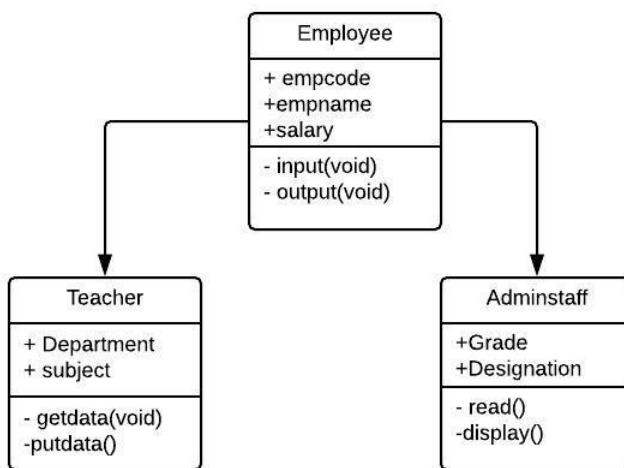


## **PROGRAM: 10**

**23.06.2019**      **EMPLOYEE MANAGEMENT SYSTEM**

### **Objective:**

An educational institution wishes to maintain a database of its employees. The database is divided into a number of classes whose hierarchical relationships are shown in figure given below:



Define all the classes and write a program to create and display information

### **Source code:**

```
#include<iostream.h>

#include<conio.h>

#include<string.h>

#include<stdio.h>
```

```
class employee
{private:
int empcode;
char empname[20];
int sal;
public:
void input()
{cout<<"\nEnter the employee code: ";
cin>>empcode;
cout<<"\nEnter the employee name: ";
gets(empname);
cout<<"\nEnter the salary: ";
cin>>sal;
}
void output()
{cout<<"\nEmployee code: "<<empcode;
cout<<"\nEmployee name: ";
puts(empname);
cout<<"\nSalary: "<<sal;
}
};
```

```
class teacher: public employee
{int department;
char sub[20];
public:
void getdata()
{cout<<"\nEnter the department: ";
cin>>department;
cout<<"\nEnter the subject: ";
gets(sub);
}
void putdata()
{cout<<"\nDepartment: ";
cout<<department;
cout<<"\nsubject: ";
puts(sub);
}
};

class Adminstaff: public employee
{int grade;
char designation[20];
public:
```

```

void read()
{cout<<"\nEnter the grade: ";
cin>>grade;
cout<<"\nEnter the designation: ";
gets(designation);
}

void display()
{cout<<"\nGrade: "<<grade;
cout<<"\nDesignation: ";
puts(designation);
}

};

void main()
{cout<<"-----
-----";

cout<<"\n                EMPLOYEE MANAGEMENT
SYSTEM          ";

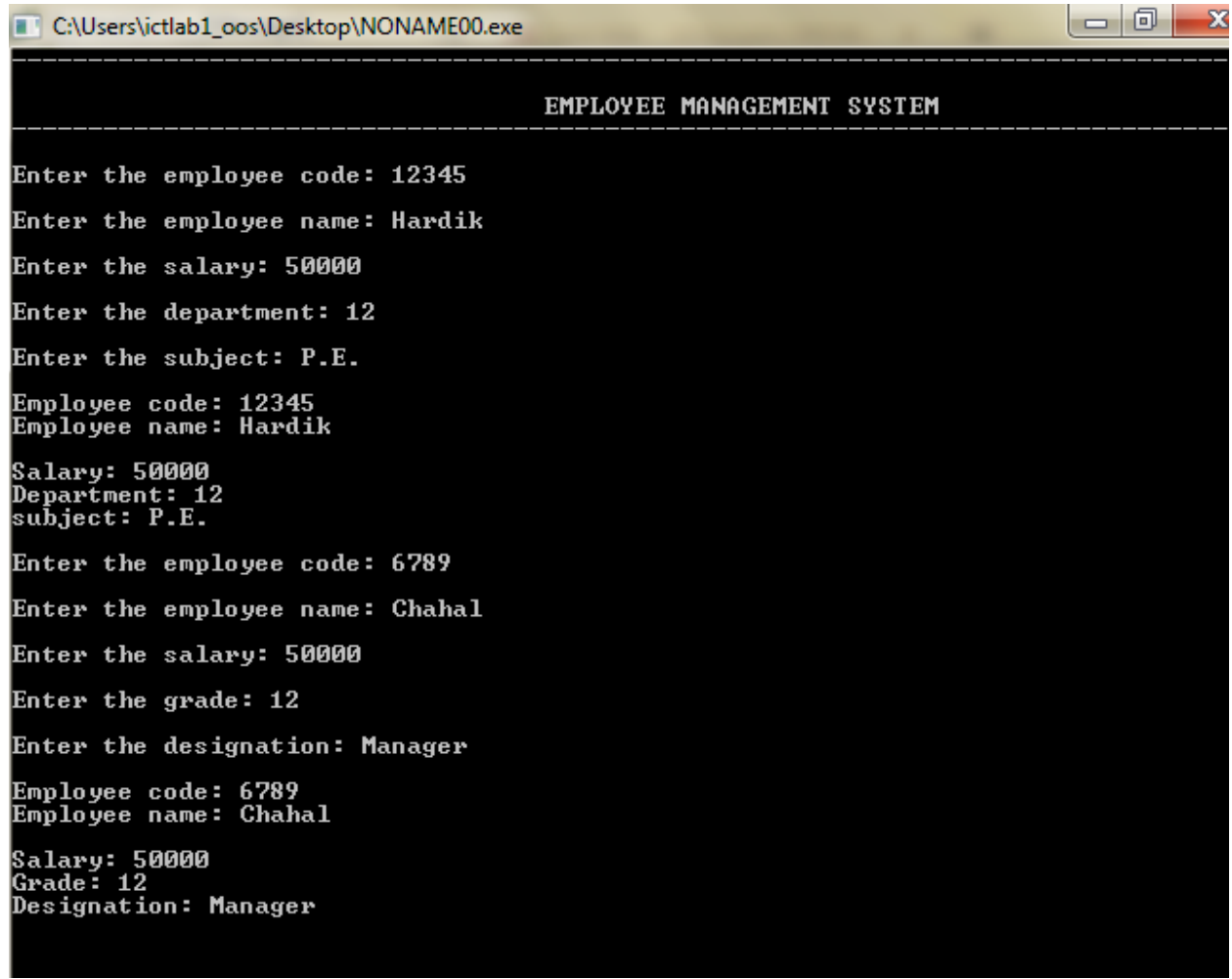
cout<<"\n-----
-----";

teacher t;
t.input();
t.getdata();
}

```

```
t.output();  
t.putdata();  
Adminstaff a;  
a.input();  
a.read();  
a.output();  
a.display();  
getch();  
}
```

## Sample output:



```
C:\Users\ictlab1_oos\Desktop\NONAME00.exe

-----
EMPLOYEE MANAGEMENT SYSTEM
-----

Enter the employee code: 12345
Enter the employee name: Hardik
Enter the salary: 50000
Enter the department: 12
Enter the subject: P.E.

Employee code: 12345
Employee name: Hardik

Salary: 50000
Department: 12
subject: P.E.

Enter the employee code: 6789
Enter the employee name: Chahal
Enter the salary: 50000
Enter the grade: 12
Enter the designation: Manager

Employee code: 6789
Employee name: Chahal

Salary: 50000
Grade: 12
Designation: Manager
```