

Q1) complete the following code to work correctly , add constructor and display the manager information :

```
class date {
    private int day, month, year;
    public string display() {
        return (day .ToString()+ '-' + month.ToString() + '-' + year.ToString());
    }
}
```

```
class email{
    private string name, domain;
    public string display() {
        return name + '@' + domain;
    }
}
```

```
class phone {
    private int area,pnum;
    public string display() {
        return (area.ToString() + '-' + pnum.ToString());
    }
}
```

```
class person {
    private string name;
    private date d;
    private email em;
    private phone ph;
    public string display() {
        return " name="+name + "\n"+"birthdate:"+ d.display() + "\n" +
            "email= "+em.display()+"\n"+"phone no :"+ph.display();    }
}
```

```
class employee: person {
    private date hi;
    public string display() {
        return " employee info "+base.display()+"\n+ "hierdate:"+hi.display() ;    }
}
```

```
class manager:employee {
    private string department;
    public string display (){
        return " department " + department + "\n" + base.display();    } }
}
```

```
private void button1_Click(object sender, EventArgs e) {
    date hd = new date(5,9, 2010);
    date bd = new date(8, 6, 1999);
    email em = new email("ah2018", "gmail.com");
    phone ph = new phone(00964, 077777777);
    employee emp = new employee(hd, "ahmed",bd,em,ph);
    manager mn = new manager(" computer", hd, "ahmed", bd, em, ph);    }
}
```