

## Exp5b

class Person

```
{  
    String name="abc";  
    int age=18;  
}
```

class Student extends Person

```
{  
    int roll_no=2020;  
    double avg=75.7;  
    void display()  
    {  
        System.out.println("name="+name);  
        System.out.println("age="+age);  
        if(avg>90)  
        {  
            System.out.println("grade=A");  
        }  
        else if(avg>80)  
        {  
            System.out.println("grade=B");  
        }  
        else if(avg>70)  
        {  
            System.out.println("grade=C");  
        }  
        else if(avg>60)  
        {  
            System.out.println("grade=D");  
        }  
        else  
        {  
            System.out.println("fail");  
        }  
    }  
}
```

```

}

class Employee extends Person
{
    double salary=20000;
    int emp_id=125;
    void display()
    {
        System.out.println("name="+name);
        System.out.println("age"+age);
        System.out.println("emp_id="+emp_id);
        System.out.println("salary="+salary);
    }
}

class demo
{
    public static void main(String args[])
    {
        Student s1=new Student();
        s1.display();
        Employee e1=new Employee();
        e1.display();
    }
}

```

Output:

```

D:\Pranali2020>javac exp5b.java

D:\Pranali2020>java demo
name=abc
age=18
grade=C
name=abc
age18
emp_id=125
salary=20000.0

D:\Pranali2020>

```