

EXPERIMENT NO:- 14

1. Program on dynamic method dispatch using base class and interface reference.

→

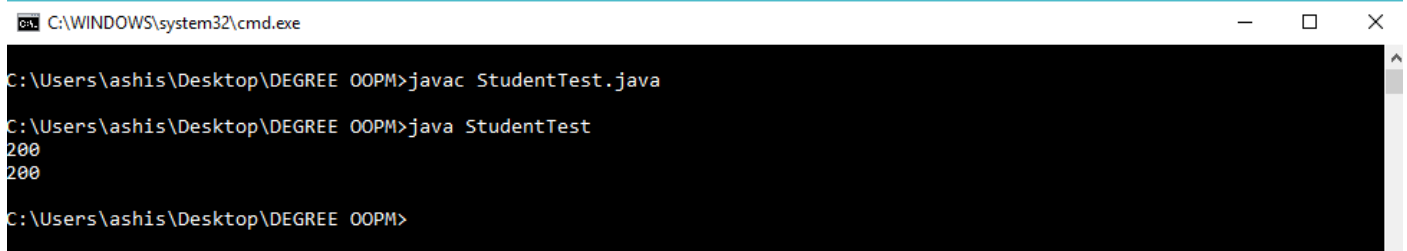
```
class Student
{
    int maxRollNo = 200;
}

class SchoolStudent extends Student
{
    int maxRollNo = 120;
}

class CollegeStudent extends SchoolStudent
{
    int maxRollNo = 100;
}

public class StudentTest
{
    public static void main(String args[])
    {
        Student obj1 = new CollegeStudent();
        Student obj2 = new SchoolStudent();
        System.out.println(obj1.maxRollNo);
        System.out.println(obj2.maxRollNo);
    }
}
```

O/P:



```
C:\WINDOWS\system32\cmd.exe
C:\Users\ashis\Desktop\DEGREE OOPM>javac StudentTest.java
C:\Users\ashis\Desktop\DEGREE OOPM>java StudentTest
200
120
C:\Users\ashis\Desktop\DEGREE OOPM>
```