```java
1 package hw;
2
3 public class Student {
4
5     private String Student_ID;
6     private String Student_Name;
7     private double[] marks = new double[3];
8
9
10    public Student(String ID, String Student_Name, double[] marks) {
11
12        this.set_ID(ID);
13        this.set_Name(Student_Name);
14        this.set_Marks(marks);
15    }
16
17
18
19    public void set_ID(String ID) {
20
21        if (ID.length() == 5)
22            this.Student_ID = ID;
23
24    }
25
26    public void set_Name(String name) {
27
28        this.Student_Name = name;
29
30    }
31
32    public void set_Marks(double[] marks) {
33
34        if (marks.length < 3)
35            return;
36
37        this.marks[0] = marks[0];
38        this.marks[1] = marks[1];
39        this.marks[2] = marks[2];
```

```java
40
41      }
42
43      public double[] get_Marks() {
44
45          return this.marks;
46
47      }
48
49      public String get_ID() {
50
51          return this.Student_ID;
52      }
53
54      public String get_Name() {
55
56          return this.Student_Name;
57      }
58
59      public double avg_mark() {
60
61
62          double total = 0;
63
64          for (double x: this.get_Marks()) {
65
66              total = total + x;
67
68          }
69
70          return total/this.get_Marks().length;
71
72      }
73
74      public double highest_mark() {
75
76          double highest = 0.0;
77
78          for (double x : this.get_Marks()) {
79
```

```java
80              if (x > highest)
81                  highest = x;
82
83          }
84
85          return highest;
86      }
87
88      public String toString() {
89
90          return "[StudentID = "+this.get_ID()+", StudentName = "+this.get_Name()+", Marks = "+this.get_Marks()[0]+" , "+this.get_Marks()[1]+" , "+this.get_Marks()[2]+"]";
91
92      }
93
94
95  }
96
```