

Solutions:

1.

two hours

three hours

four hours

three hours

four hours

invalid number of hours

2.

2 (-1.5 has four characters)

3.

81

64

49

36

25

16

9

4

1

0

4.

```
public class MITStudent {

    private double GPA = 0.0;
    private String name;
    private long ID;

    public MITStudent(String s, long l) {
        this.name = s;
        this.ID = l;
    }

    public MITStudent(String s, long l, double d) {
        this.name = s;
        this.ID = l;
        this.GPA = d;
    }
    public String getName() {
        return name;
    }

    public long getID() {
        return ID;
    }
}
```

```
public double getGPA() {
    return GPA;
}

public void setGPA(double d) {
    GPA = d;
}

public char getLetterGrade() {
    if (GPA == 5.0)
        return 'A';
    else if (GPA >= 4.0)
        return 'B';
    else if (GPA >= 3.0)
        return 'C';
    else if (GPA >= 2.0)
        return 'D';
    else return 'F';
}
}
```