CSC 230-01 Modern Prog Applications Spring 2018

Assignment 3

What to hand in

Create a folder called "Assignment_3". Inside the folder, create a folder for each program and deposit the source code to the corresponding folder. Use packing software to pack "Assignment_3" to a packed file, such as "Assignment_3.zip" or "Assignment_3.tar". Submit the packed file through the blackboard.

Due Date

12:00 midnight, February 19, 2017.

Program 1: Complete the following code

```java
1.  // GradeBook.java
2.  public class GradeBook
3.  {
4.      private String courseName;
5.
6.      public String getCourseName()
7.      {
8.          // put your code here
9.      }
10.
11.     public String setCourseName(String c)
12.     {
13.          // put your code here
14.     }
15.
16.     public void display()
17.     {
18.          // print the welcome information
19.          // put your code here
20.     }
21. }
```

```
1.      // GradeBookTest.java
2. public class GradeBookTest
3. {
4.     public static void main(String args[])
5.     {
6.          Scanner s = new Scanner(System.in);
7.          String name;
8.
9.          GradeBook g = new GradeBook();
10.
11.             System.out.println("Enter the course name: ");
12.             name = s.nextLine();
13.
14.             g.setCourseName(name);
15.
16.             g.display();
17.        }
18.    }
```

Program 2: **Add constructor methods to GradeBook class and use it to initialize objects in GradeBookTest**

Grading Criteria

1. 40%, be able to be compiled without compile errors.

2. 30%, be able to run and generate the expected outputs.

3. 20%, comments.