



COP 2800, Java Programming

Assignment 7.1 (25 points)

Create an interactive (the user should be able to input the values) Java Application to process your utility bill for at-least 6 months. Use Class-Object methodology and use single dimensional arrays in your application. Write detailed comments in your program. You should have a two classes (for example, MontlyBill.java & MontlyBillTest.java). Make sure you upload your "ran program screenshot/s.

You can also be creative and create your "own problem scenario" and come up with your "solution".

Hint: Use the program (GradeBook) in Fig 7.14 & 7.15 (GradeBookTest) as a building template.

Assignment 7.2 (25 points)

Use the same program that you have created in 7.1, and use "two dimensional array". Your program should display several months and several years.

You can also be creative and create your "own problem scenario" and come up with your "solution".

Hint: Use the program in 7.18 & 7.19 as templates.

Grade rubric:

Program comments	5
Program code file (.java)	10
Ran program screen shot	5
Assessment/Reflection	3
Challenges	2
Total	25

Please upload the files in the Assignment 7 folder.

Purpose: The purpose of this assignment is to test your comprehension of arrays, classes, objects, constructors.