## CS 165 01

## Program Assignment Chapter 05

## 20 Points

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Due: Tuesday, November 27, 2018

Create an application that calculates that total cost of a hospital stay. The daily base charge is $350. The hospital also charges for medication, surgical fees, lab fees and physical rehab. The application should accept the following input:

* The number of days spent in the hospital
* The amount of medication charges
* The amount of surgical charges
* The amount of lab fees
* The amount of physical rehabilitation charges

**You cannot use any global variables**

Create and use the following value-returning methods in the application:

* CalcStayCharges – Calculates and returns the base charges for the hospital stay. This is computed as $350 times the number of days in the hospital.
* CalcMiscCharges – Calculates and returns the total of the medication, surgical, lab and physical rehabilitation charges.
* CalcTotalCharges – Calculates and returns the total charges.

At the top of your code, add the following comments:

Name

Class and Section (CS 165 01)

Assignment (Program Chapter 06)

Due Date (see above)

Description of the Program

In order to receive credit for this assignment, do the following:

* Print out a copy of the source code and attach this sheet to the front of it and turn it in
* Create a folder with the following name: **Chapter 06**
* Copy your project to this folder
* Copy the folder to the following location: **I:\kopp\inbox\CS 165 01\*your name*** where your name is a folder located in I:\kopp\inbox\CS 165 01.