

ITSE 1330 – C# Program 6

- Use the course material located at:
 - <http://www.austincode.com/itse1330/>
- Program 6 can be completed using content from the following chapters:
 - 00-Welcome! through 13-Structures and Interfaces

Requirements (remember to identify the requirements by number):

- Create a console application using Visual Studio.
 - Name the Solution and Project Program-6.
 - Output appropriate communication messages to the user.
 - Output appropriate results. In other words, all requirements should be output and identified by number.
1. Output a header in the console: “This is Program-6”
 2. Create a structure named Phone with the following members:
 - a. Phone Number
 - b. Manufacturer
 - c. Model
 - d. Operating System
 - e. Diagonal Screen Size
 - f. Constructor to set data above
 3. Create a class named Account with the following members:
 - a. Inherits IAccountUpdate interface
 - b. Phone Number(s)
 - c. Customer Name
 - d. Address
 - e. Credit Card Number
 - f. Constructor(s) as appropriate
 4. Create an interface named IAccountUpdate with the following members:
 - a. Balance Owed
 - b. Minutes Used
 - c. Cost Per Minute

ITSE 1330 – C# Program 6

- d. CalculateCharge()
 - e. AdjustMinutes()
5. Using Phone, Account, and IAccountUpdate, create an application for a mobile phone company that minimally supports functionality listed. For instance: creating accounts, adding phones, calculating charges, and adjusting minutes.
6. Output a thank you message: “Thank you for running Program-6.”

TEST – TEST – TEST your application to ensure the specific program requirements are met.

- Use the list above and the common requirements as a confirmation checklist.
- Not meeting all requirements = 0 points for the assignment.



This work is licensed under a [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by-sa/4.0/).