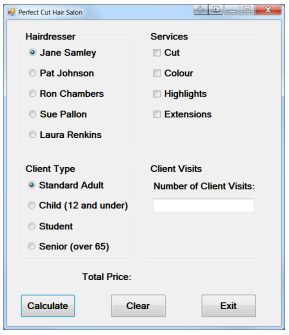
Part B: Hair Today



(right-click to view)

Project Name: Lab2B

Write a Windows Form App (.NET Framework) that:

- Makes use of a GUI interface (shown to the right) that determines pricing for a hair salon
- The user must:
  1. Select one **Hairdresser**, each of which has a different base rate:
     - Jane - $30
     - Pat - $45
     - Ron - $40
     - Sue - $50
     - Laurie - $55
  2. Select one or more **Services**, each of which has a different rate:
     - Cut - $30
     - Colour - $40
     - Highlights - $50
     - Extension - $200
  3. Select one **Client Type**, which determines what that client's discount rate will be:
     - Standard Adult - 0%
     - Child - 10%
     - Student - 5%
     - Senior - 15%
  4. Enter the **Number of Client Visits**, which may provide an additional discount:
     - 1 to 3 visits - 0%
     - 4 to 8 visits - 5%
     - 9 to 13 visits - 10%
     - 14+ visits - 15%
  5. The **Number of Client Visits** must be validated as a positive integer value
  6. The **Calculate** button will determine and display the **Total Price**
  7. The **Calculate** button must ensure that the user selects at least one **Service** and provides a positive integer value for **Number of Visits**, otherwise set the focus to the control in question
  8. The **Clear** button will clear all controls, select the first radio button in each groupbox, and set focus to the first radio button in **Hairdresser**

- You may download this **sample program (https://mycanvas.mohawkcollege.ca/courses/92934/files/17176711/download)** ⬇ **(https://mycanvas.mohawkcollege.ca/courses/92934/files/17176711/download?download_frd=1)** for a demonstration of program behaviour

Marking Scheme

Part A: The Shape of Things to Come	
Documentation: Comments, Naming Conventions	/ 5
Object Hierarchy: Proper Hierarchy Layout	/ 2
Rectangle, Square: Constructor, SetData, ToString, Area	/ 2
Ellipse, Circle: Constructor, SetData, ToString, Area	/ 2
Box, Cube: Constructor, SetData, ToString, Area, Volume	/ 2
Cylinder, Sphere: Constructor, SetData, ToString, Area, Volume	/ 2
Triangle, Tetrahedron: Constructor, SetData, ToString, Area, Volume	/ 2
Menu: All Options, Re-Prompts	/ 1
Output: Neat, Complete, Properly Aligned	/ 2
Part B: Hair Today	
Documentation: Comments, Naming Conventions	/ 5
Interface: Correctly Implemented	/ 5
Validation: Number of Visits > 0	/ 3
Calculate Button: Correct and Properly Formatted Output	/ 3

Clear Button: Resets Controls	/ 2
Exit Button: Works	/ 2
Total:	**/ 40**