Tutorial 16

Programming exercise I – MDI Parent

1. Remove default Form1
2. Add new form to the project and name it ParentForm
3. Set the properties of the form
   1. Text => WIUT
   2. IsMdiContainer => True
   3. WindowState => Maximized
4. Add menu strip and create the following menu structure
   1. File
      1. Exit
   2. Applicants
      1. New applicant
      2. All applicants
   3. Courses
      1. New course
      2. All courses
   4. Help
      1. About
5. Add logic for File->Exit menu item
6. Add new form to the project and call it AboutForm. Set
   1. Text => WIUT
   2. MaximizeBox => False
   3. MinimizeBox => False
   4. FormBorderStyle => FixedDialog
   5. StartPosition => CenterScreen
7. Add label with some text describing your program
8. Add logic for Help->About menu item to show the form.
9. Use .Show() and .ShowDialog() function and observe the difference.
10. Review startup object settings for the project

Programming exercise II – Validation

1. Check all the properties of Course and Applicant class. Throw corresponding exceptions if the value passed is not valid.
2. Add reference from WIUT to WIUT.DAL.
3. Create a temporary form in WIUT project to test validation.

Home work

Do research on Inheritance.