Tutorial 1

1. Introduction to .Net framework
2. IDE history
3. First look at VS 2019
   1. Solution Explorer
   2. Task list
   3. Properties
   4. Tool box
   5. Design view
   6. Code view

Programming exercise I – MyFirstApplication project

1. Create new Windows application called MyFirstApplication
2. Look at standard controls of VS
3. Add label, text box and button to form
4. First look at form events
5. Explore MsgBox and MessageBox functionality
6. Show “Hello, world” message on form load
7. Show “Hello, world” message on button click
8. Show “Goodbye, cruel world” message on form close
9. Add a button (btn\_close) that will close the application

Programming exercise II – Exploring properties

1. Create new Windows application called ExploringProperties
2. Add TextBox control (tbx\_name), Button control (btn\_show) and a label (lbl\_hello)
3. On button click show message of type “Hello, <name>. How are you?” using the text supplied into the textbox
4. Modify the code to show the message in the Label control

Homework

1. Explore other events of a windows form
2. Try to make a form that is impossible to close by clicking on cross button in right-top corner
3. Explore properties of form and standard controls (label, textbox ,button)
4. Try to make a form
   1. without title bar
   2. that cannot be resized
   3. with minimize and/or maximize button disabled
5. Find a way to limit the size of a form when user wants to resize it
6. Explore docking