Programming Logic - Beginning

152-101

# State Information Program

10 points

Create a program that displays state information based on the following criteria:

The program will display the name of the state and its capital when the button with the state abbreviation is clicked. To keep the buttons to a minimum, only include those states that border Lake Michigan and Lake Superior.

The program should display centered on the screen. Change the form’s background color, foreground color and the icon for the form.

Include one label to display the name of the selected state and another to display the capital of the selected state (don’t use 10 labels). The font type, style and size should be changed from the default.

The program’s name should be *State Information.* Display this in the form’s title bar.

Include a graphic image (from any source – see note below).

Include a button for each state with the abbreviation of the state. The buttons should appear on the top portion of the form, put the result labels in the lower middle portion and include a button on the bottom to close the application.

Change the project’s icon to something appropriate.

Your code will need application level documentation, method documentation and code level documentation.

NOTE: All pictures and images must be business appropriate (you should be able to show them to anyone without offending someone!)

Your application must follow appropriate naming conventions discussed in class. The application must run without any Build errors.

Rename the solution folder: *yourlastname – States Program*. *Compress (zip)* the solution folder and place it in onedrive.

**Challenge Points - 1 point**

Add a graphic for each state. You determine how you want to display the graphic: on a button, when they select the state, etc.