Problem B:

3.13 (Microwave Oven GUI) Create the GUI for the microwave oven shown in Fig. 3.35.

Figure 3.35 Microwave Oven GUI.

a) **Creating a new project.** Create a new Windows Application named Microwave.
b) **Renaming the Form file.** Name the Form file Microwave.vb.
c) **Manipulating the Form’s properties.** Change the Size property of the Form to 552, 288. Change the Text property of the Form to Microwave Oven. Change the Font property to Tahoma.
d) **Adding the microwave oven door.** Add a Panel to the Form by double clicking the Panel in the Toolbox. Select the Panel and change the BackColor property to Silver (located in the Web tab) in the Properties window. Then change the Size to 328, 224. Next, change the BorderStyle property to FixedSingle.
e) **Adding another Panel.** Add another Panel and change its Size to 152, 224 and its BorderStyle to FixedSingle. Place the Panel to the right of the door Panel, as shown in Fig. 3.35.
f) **Adding the microwave oven clock.** Add a Label to the right Panel by clicking the Label in the Toolbox once, then clicking once inside the right Panel. Change the Label’s Text to 12:00, BorderStyle to FixedSingle and Size to 120, 48. Change TextAlign to MiddleCenter. Place the clock as shown in Fig. 3.35.
g) **Adding a keypad to the microwave oven.** Place a Button in the right Panel by clicking the Button control in the Toolbox once, then clicking inside the Panel. Change the Text to 1 and the Size to 24, 24. Repeat this process for nine more Buttons, changing the Text property in each to the next number in the keypad. Then add the Start and Clear Buttons, each of Size 64, 24. Do not forget to set the Text properties for each of these Buttons. Finally, arrange the Buttons as shown in Fig. 3.35. The 1 Button is located at 40, 80 and the Start Button is located at 8, 192.
h) **Saving the project.** Select File > Save All to save your changes.