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CPT187 – C02

Chapter 13 - Program 1

## REQUIREMENTS

<b>Date Submitted:</b>	4/23/2023
<b>Application Title:</b>	Name and Address
<b>Purpose:</b>	Program displays information when prompted
<b>Program Procedures:</b>	Start the program. Click the “Show Info” button
<b>Algorithms, Processing, and Conditions:</b>	<ol style="list-style-type: none"><li>1) Program initializes InfoGUI class</li><li>2) window is created and size is set to 300x100</li><li>3) Main window is titled “Name and Address”</li><li>4) Frame 1 is created</li><li>5) Frame 2 is created</li><li>6) Info variable is created and given the value of a StringVar</li><li>7) Info label is created and placed in frame 1</li><li>8) Show info button is created and placed in frame 2</li><li>9) Show info is given the command method print_info</li><li>10) Quit button is created and placed in frame 2</li><li>11) Quit button is given the command method to destroy the window</li><li>12) Labels and frames are packed</li><li>13) MainLoop is called to start waiting for events</li><li>14) When show info button is clicked, print_info method is called</li><li>15) Information is stored in the info variable</li><li>16) Information from the info variable is stored in the info StringVar so it can be printed</li></ol>
<b>Notes and Restrictions:</b>	User must click button to prompt program
<b>Comments:</b>	Program uses tkinter module

## USE CASE

- 1) User starts the program
- 2) User clicks the “Show Info” button
- 3) Program prints info.