**Pseudocode Logic for FindSquareRootGUI Application**

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Logic for Find Button Click Event

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1. Declare an int variable named **input** [used for the users input]
2. Create a try block
   1. Create an if-else statement
      1. if (int.TryParse(input\_textBox.Text, out input)) //-The TryParse is to check if the input from the textbox can be parsed. -The out input causes the variable named **input** to be passed by reference.
         1. Display the input number and square root of that number
      2. else
         1. Display “Value entered is not a type int number.”
   2. Create an if statement
      1. if(input < 0)
         1. throw the new ApplicationException, with the text string “Value entered can't be negative.”
3. Catch (To catch the thrown application)
   1. Display the thrown text string within the GUI label
4. set Focus() to only focus to TextBox

set SelectAll() to select all text in TextBox

}