**-root:tk.Tk()**

**-shape:str**

**-Label:tk.Label()**

**-square\_button:tk.Button**

**-rectangle\_button:tk.Button**

**-triangle\_button:tk.Button**

**-exit\_button:tk.Button**

**-length\_input:tk.Entry**

**-width\_input:tk.Entry**

**-calculate\_button:tk.Button**

**-area\_window:tk.Toplevel**

**-result\_window:tk.Toplevel**

**-result\_label:tk.Label**

**+square(self)**

**+rectangle(self)**

**+triangle(self)**

**+area\_window(self)**

**+calculate\_area()**

**+close\_window(self)**

**Shape**