



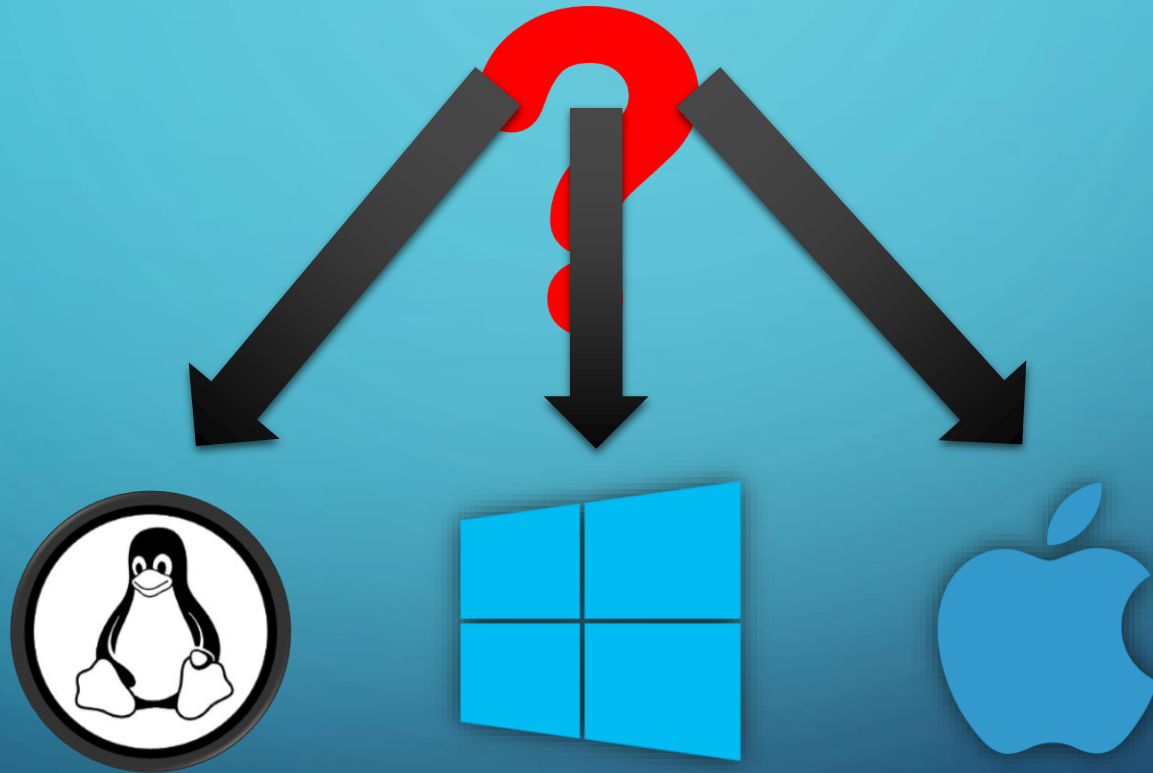
TK

TKINTER

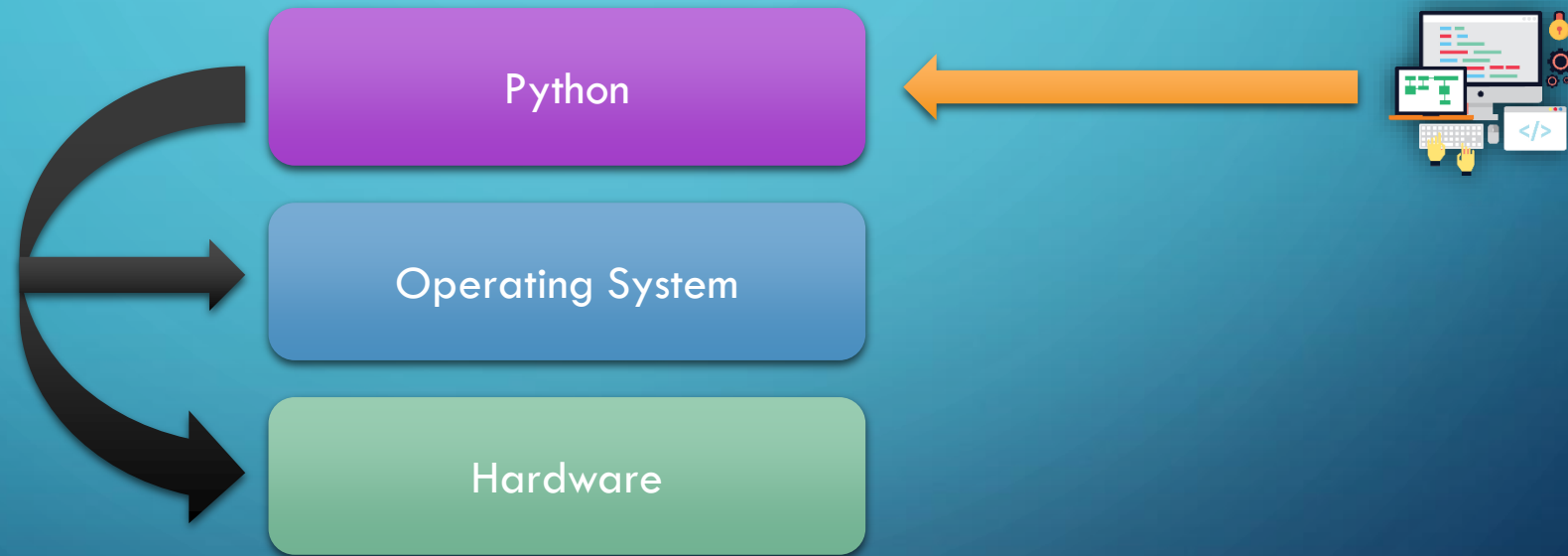
PYTHON GUI FRAMEWORK



WHAT IS THE BARRIER?



HOW GUI IS BUILD IN PYTHON USING TK



Tool Command Language

Tool Kit

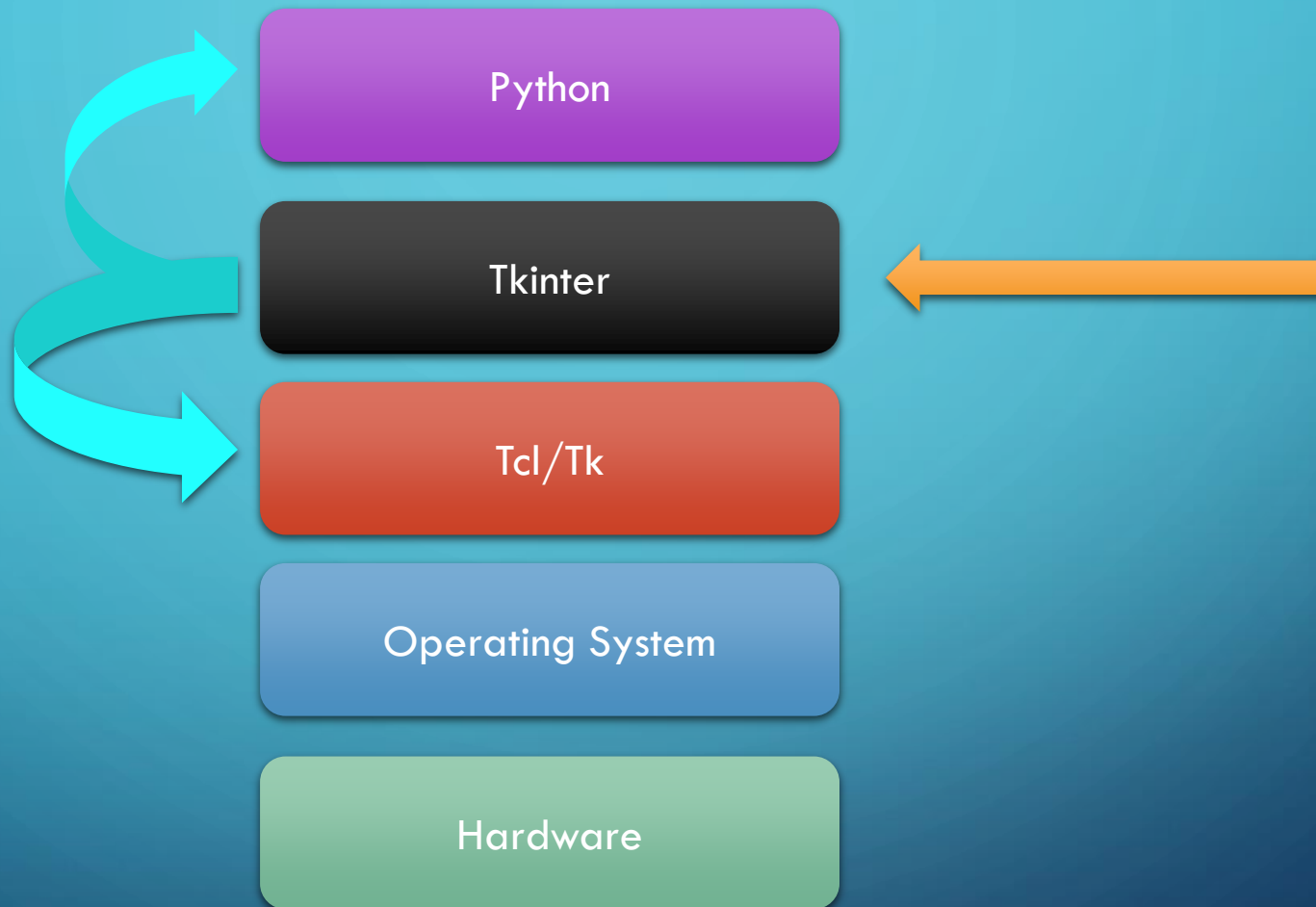
Python

Tcl/Tk

Operating System

Hardware





STRUCTURE OF TKINTER PROGRAM

```
from tkinter import *
```

Import Tk Modules



Create Main Window



Adding Widgets to App



Main event loop



EXAMPLE :

SIMPLE TK PROGRAM



```
From tkinter import *
```

Import Tk Modules

```
root = Tk()
```

Create Main Window

```
W = Label(root, text="Hello, World!")  
w.pack()
```

Adding Widgets to App

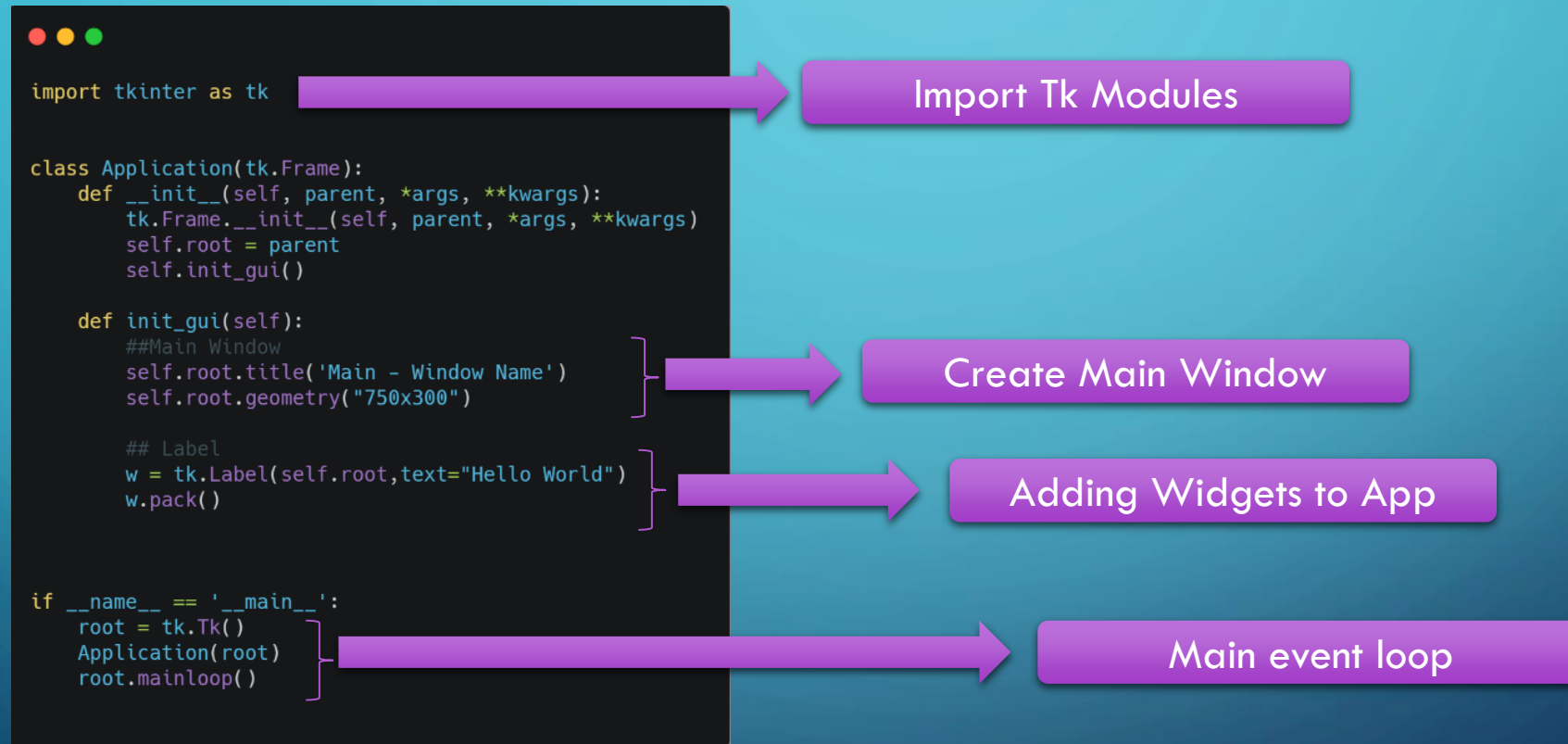
```
root.mainloop()
```

Main event loop



EXAMPLE :

TK PROGRAM USING CLASS



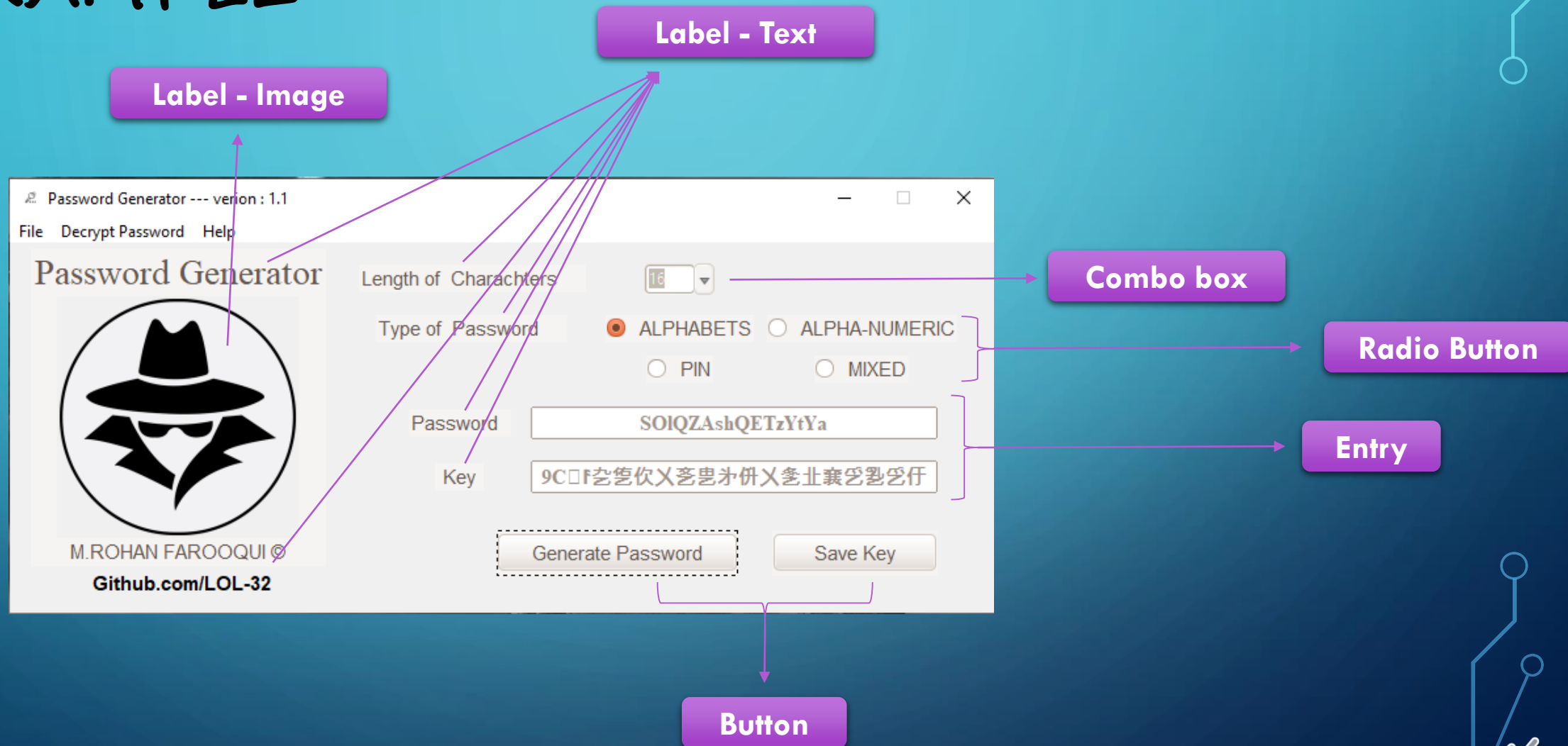
BASIC TKINTER WIDGETS


- Labels
- Buttons
- Combo box
- Entry
- Radio Buttons

and many more



EXAMPLE



 **THE END** *TK*



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