**36.How to create menu and message widget in GUI using python?**

**Objective:**

* To create menu and message widget in python3.

**Process:**

* **Menu widget**

It is used to create all kinds of menus used by the application.

**Syntax:**

M=Menu(root, options=value)

* **Message widget**

The widget can be used to display short text messages.

**Syntax:**

M=Message(root, options=value)

**Input:**

* GUI Menu and Message widget.

**Output:**

* New GUI window having above Menu and message widget.

**Source code(Menu widget):**

#import tkinter

import tkinter as tk

from tkinter import \*

#root window

root = tk.Tk()

menu = Menu(root)

root.config(menu=menu)

#menu widget

filemenu = Menu(menu)

menu.add\_cascade(label='File', menu=filemenu)

filemenu.add\_command(label='New')

filemenu.add\_command(label='Open')

filemenu.add\_separator()

filemenu.add\_command(label='Exit', command=root.quit)

helpmenu = Menu(menu)

menu.add\_cascade(label='Help', menu=helpmenu)

helpmenu.add\_command(label='About')

tk.mainloop()

**Source code(Message widget):**

#import tkinter

import tkinter as tk

#create root window

root = tk.Tk()

#type your message

message = "Python is easy to learn.\nIt has easy syntax.\nDesigned by Guido van Rossum"

#message widget

msg = tk.Message(root, text = message)

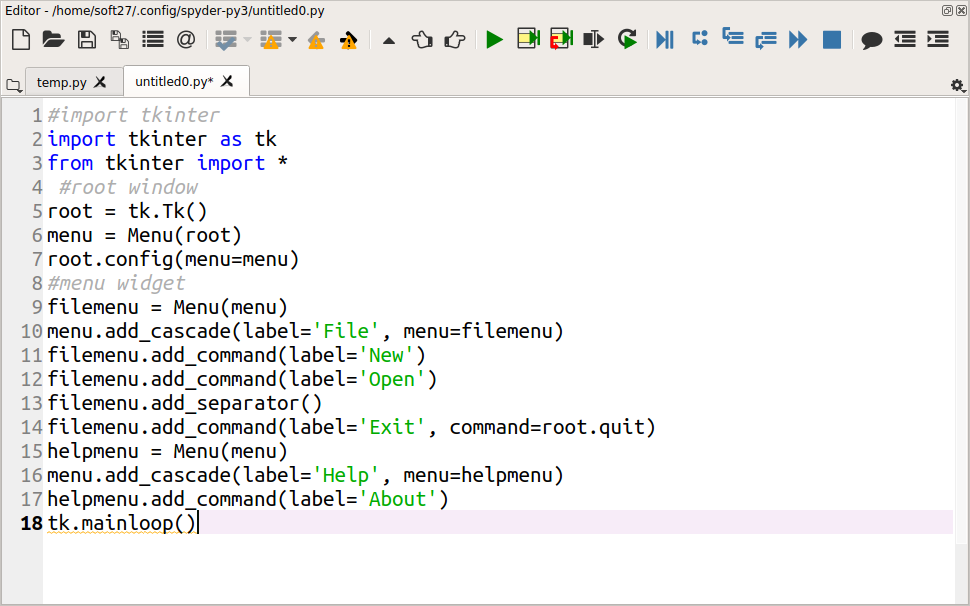
msg.config(bg='white', font=('times', 28, 'bold'))

msg.pack()

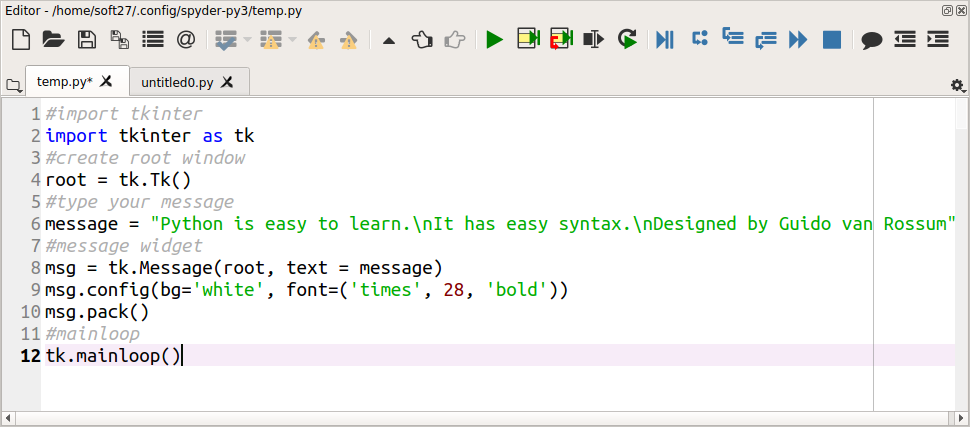
#mainloop

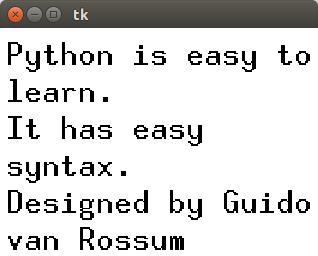
tk.mainloop()

**Screen shots:**

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