SECURE CODING LAB - 4

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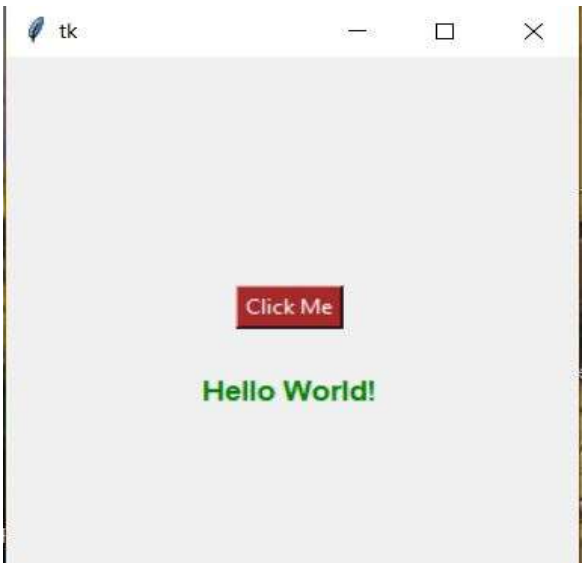
1. Write a python script to print hello world.

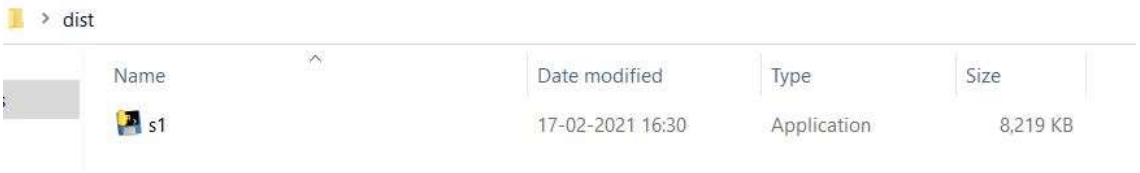
```
import tkinter as tk

root= tk.Tk()

canvas1 = tk.Canvas(root, width = 300, height = 300)
canvas1.pack()

def hello ():
    label1 = tk.Label(root, text= 'Hello World!', fg='green', font=('arial', 12, 'bold'))
    canvas1.create_window(150, 200, window=label1)

button1 = tk.Button(text='Click Me',command=hello, bg='brown',fg='white')
canvas1.create_window(150, 150, window=button1)

root.mainloop()
```

Output:



2.Convert the script into executable (use pyinstaller or py2exe – any of your choice).

I Have created a .exe file using pyinstaller



3.Schedule a task named “Python execution" to run the above executable on the first Monday of every month.

```
C:\Users\NOMESH>schtasks /create /sc monthly /d 1 /tn "python execution /tr "C:\Users\NOMESH\Desktop\dist\s1.exe" /st 11:55
```

```
Folder: \MyTasks
TaskName                                 Next Run Time          Status
======================================== ====================== ===============
python Execution                         01-03-2021 11:00:00    Ready
```

4. Schedule a task named “Executer" to run notepad starting at 5:00PM with no end time.

```
C:\Users\NOMESH\Desktop>SCHTASKS /CREATE /SC MINUTE /MO 5 /TN "MyTasks\Executer" /TR "program_files_windowspowershell_modules_poster_3.4.0_examples_calculator
_96fd9fd7a4e3dc4d.cdf-ms" /ST 17:15
SUCCESS: The scheduled task "MyTasks\Executer" has successfully been created.
```

```
Folder: \MyTasks
TaskName                                 Next Run Time          Status
======================================== ====================== ===============
Executer                                 17-02-2021 17:25:00    Ready
python Execution                         01-03-2021 11:00:00    Ready
```

5. Schedule a task named “Executer2" to run notepad starting at 5:00PM and automatically terminating at 5:40PM hours every day

```
C:\Users\NOMESH\Desktop>SCHTASKS /CREATE /SC DAILY /TN "MyTasks\EXECUTER2" /TR "C:\Users\NOMESH\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Accessor
ies" /ST 17:28 /ET 17:40
SUCCESS: The scheduled task "MyTasks\EXECUTER2" has successfully been created.
```

```
Folder: \MyTasks
TaskName                                 Next Run Time          Status
======================================== ====================== ===============
Executer                                 17-02-2021 17:30:00    Ready
EXECUTER2                                17-02-2021 17:38:00    Ready
python Execution                         01-03-2021 11:00:00    Ready
```