In [2]:
```python
print("Name : ")
print("We will be learning how to create a application on juipter which has
```

```
Name :
We will be learning how to create a application on juipter which has GUI
elements and how to manuipulate the output as per the values selected fro
m the GUI components
```

Code for GUI compenents and manuipulating the output

In [3]:
```python
from ipywidgets import widgets
from IPython.display import display, clear_output
import pandas as pd
import matplotlib.pyplot as plt
from tkinter import Tk, filedialog

graph_type = ['Choose one.. ','line','bar']
df = ''
def select_files(b):
    print('Select_files')
#   Start coding here
    clear_output()
    global graph_type
    global root = df
    root = Tk()
    root.withdraw() # Hide the main window
    file_name = filledialog.askopenfilename()
    df = pd.read_csv(file_name)
    print(file_name)
    xlabel_widget = widgets.Dropdown(options = df.columns)
    ylabel_widget = widgets.Dropdown(options = df.columns)
    graph_widget = widgets.Dropdown(options = graph_type)
    graph = widgets.interactive(display_plot, xasis=xlabel_widget, yaxis= y
    display(graph)
fileselect = widgets.Button(description="File select")
fileselect.on_click(select_files)
display(fileselect)
```

```
  File "/var/folders/1d/dx5rjvf91qq7f432s9k1r3780000gp/T/ipykernel_84829/
4148465373.py", line 14
    global root = df
                ^
SyntaxError: invalid syntax
```

In [ ]:

In [ ]: