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In [1]: from tkinter import *
import pickle
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In [2]: pipe = pickle.load(open('mutliple_reg.sav', 'rb'))
```

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c:\users\92336\appdata\local\programs\python\python39\lib\site-packages\sklearn\base.py:310: UserWarning: Trying to unpickle estimator LinearRegression from version 0.22.2.post1 when using version 0.24.1. This might lead to breaking code or invalid results. Use at your own risk.
  warnings.warn(
```

```
In [3]: def calculate_sale(arg):
        res = pipe.predict([[tv.get(), radio.get(), newspaper.get()]])
        sale_label.config(text="Expected Sale : {:.2f}/-".format(res[0][0]))
```

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In [4]: #Initializing the tkinter window
master = Tk()
master.geometry("700x400")
master.configure(background='#07575B')
master.title('Sales Estimator')
```

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Out[4]: ''
```

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In [5]: #Label to show the estimated sale
sale_label = Label(master, bg='#07575B', fg="white", font=("Times", 40, "bold"), text="Hello Tkinter!")
sale_label.pack(padx=5, pady=20)
```

```
In [6]: #Scale to take TV advertising investment ammount from user
tv = Scale(master, length=650, label="TV", bg='#C4DFE6', fg="black", from_=0, to=2000, orient=HORIZONTAL, command=calculate_sale)
tv.set(10)
tv.pack(padx=5, pady=5)
```

```
In [7]: #Scale to take Radio advertising investment ammount from user
radio = Scale(master, length=650, label="Radio", bg='#C4DFE6', fg="black", from_=0, to=2000, orient=HORIZONTAL, command=calculate_sale)
radio.set(10)
radio.pack(padx=5, pady=5)
```

```
In [8]: #Scale to take Newspaper advertising investment ammount from user
newspaper = Scale(master, length=650, label="Newspaper", bg='#C4DFE6', fg="black", from_=0, to=2000, orient=HORIZONTAL, command=calculate_sale)
newspaper.set(10)
newspaper.pack(padx=5, pady=5)
```

```
In [9]: #Showing the Application
mainloop()
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In [ ]:
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