

```

from tkinter import *
root = Tk()
travelList = [
    ("Car", 5),
    ("Bus", 1),
    ("Uber", 30),
    ("Limo", 200),
]
entertainmentList = [
    ("Walk", 0),
    ("MiniGolf", 10),
    ("Movie", 26),
]
dinnerList = [
    ("Fast Food", 20),
    ("Home Made", 15),
    ("Restaurant", 30),
]
# Travel Frame and Handling
travelHandler = IntVar()
travelHandler.set(1)
travelFrame = LabelFrame(root, text="Travel")
for travelMode, travelCost in travelList:
    Radiobutton(travelFrame, text=travelMode, variable=travelHandler, value=travelCost)
    travelFrame.grid(row=0, column=0)

# Dinner frame and handling
dinnerHandler = IntVar()
dinnerHandler.set(1)
dinnerFrame = LabelFrame(root, text="Dinner")
for dinnerStyle, dinnerCost in dinnerList:
    Radiobutton(dinnerFrame, text=dinnerStyle, variable=dinnerHandler, value=dinnerCost)
    dinnerFrame.grid(row=0, column=1)

# Entertainment frame and handling
entertainmentHandler = IntVar()
entertainmentHandler.set(1)
entertainmentFrame = LabelFrame(root, text="Entertainment")
for entertainmentActivity, entertainmentCost in entertainmentList:
    Radiobutton(entertainmentFrame, text=entertainmentActivity, variable=entertainmentHandler, value=entertainmentCost)
    entertainmentFrame.grid(row=1, column=0)

# Taxes frame and handling
taxFrame = LabelFrame(root, text="Taxes in %")
taxField = Entry(taxFrame, width=5)
taxField.pack(anchor=W)

```

Saved successfully!



```
taxFrame.grid(row=1, column=1)

# Tip frame and handling
tipFrame = LabelFrame(root, text="Tip on Dinner")
tipSlider = Scale(tipFrame,orient=HORIZONTAL)
tipSlider.pack()
tipFrame.grid(row=0, column=2)

# Total frame and handling
totalFrame = LabelFrame(root, text = "Total")
totalLabel = Label(totalFrame, text="Total Date Cost:\n$45.05")
totalLabel.pack()
totalFrame.grid(row=1, column=2)

# Event Handling
def calculate_cost():
    # Get the selected travel cost
    travel_cost = travelHandler.get()

    # Get the selected dinner cost
    dinner_cost = dinnerHandler.get()

    # Get the selected entertainment cost
    entertainment_cost = entertainmentHandler.get()

    # Get the tax percentage
    tax_percentage = int(taxField.get())

    # Get the tip percentage
    tip_percentage = tipSlider.get()

    # Calculate the total cost
    subtotal = travel_cost + dinner_cost + entertainment_cost
    tax_amount = subtotal * (tax_percentage / 100)
    tip_amount = dinner_cost * (tip_percentage / 100)
    total_cost = subtotal + tax_amount + tip_amount

    # Update the total cost label
    totalLabel.config(text=f"Total Date Cost:\n${total_cost:.2f}")

# Total Button
totalButton = Button(root, text="Calculate Cost", command=calculate_cost)
totalButton.grid(row=2, column=1)

# Quit Button
quitButton = Button(root, text="Quit")
```

```
quitButton.grid(row=2, column=3)  
root.mainloop()
```

[Colab paid products](#) - [Cancel contracts here](#)

