Date	08 November 2022
Team ID	PNT2022TMID39365
Project Name	Project - IOT Based Safety Gadget for Child Safety Monitoring & Notification

Source code for GPS Location Tracker:

```python
import json
import pycountry
from tkinter import Tk, Label, Button, Entry
from phone_iso3166.country import phone_country


class Location_Tracker:
    def _init_(self, App):
        self.window = App
        self.window.title("Phone number Tracker")
        self.window.geometry("500x400")
        self.window.configure(bg="#3f5efb")
        self.window.resizable(False, False)

        #____Application menu____
        Label(App, text="Enter a phone number",fg="white",
                    font=("Times", 20), bg="#3f5efb").place(x=150,y= 30)
        self.phone_number = Entry(App, width=16,
                    font=("Arial", 15), relief="flat")
        self.track_button    =    Button(App,    text="Track    Country",
                    bg="#22c1c3", relief="sunken")
        self.country_label = Label(App,fg="white",
                    font=("Times", 20), bg="#3f5efb")

        #____Place widgets on the window____
        self.phone_number.place(x=170, y=120)
        self.track_button.place(x=200, y=200)
        self.country_label.place(x=100, y=280)
```

```python
    #___Linking button with countries ____
        self.track_button.bind("<Button-1>", self.Track_location)
        #255757294146

    def Track_location(self,event): phone_number
        = self.phone_number.get()country =
        "Country is Unknown"
        if phone_number:
            tracked                                                    =
pycountry.countries.get(alpha_2=phone_country(phone_number))print(tracked)
            if tracked:
                if hasattr(tracked, "official_name"):
                    country = tracked.official_name
                else:
                    country = tracked.name
        self.country_label.configure(text=country)



PhoneTracker = Thk()
MyApp = Location_Tracker(PhoneTracker)
PhoneTracker.mainloop()
```

noorudeencse2019@gmail.com

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