

**UNITED COLLEGE OF ENGINEERING AND RESEARCH
NAINI,PRAYAGRAJ**

DEPARTMENT OF ELECTROINC AND COMMUNITAION

**SUMMER TRAINING PRESENTATION
ON
“PYTHON” PROJECT
MESSANGER**

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Introduction to Python

- Python, is a high level programming language.
- It was developed by Guido van Rossum in 1991.

- Python allows programming in Object-oriented and Procedural paradigms.
- Python programs takes less lines of code to perform task as compared to other programming languages.
- It has a huge collection of libraries which makes our work easier such as Tkinter, PyQt for GUI Applications etc.
- Python is now widely used for Machine learning and Data Analytics.

About my Project

Messenger

- We developed our project by using Tkinter library.
- Tkinter is a library of python for GUI Applications.

- Messenger is an application through which we can send messages to any mobile number.
- We use an API i.e. Application Programming Interface Fast2Sms.
- Fast2Sms is an API which provide services to transfer messages and acts a bridge between sender and receiver.
- We used **Python 3 version** in the development of this project.

My Role in this Project

- I am the Group Leader of my project team.
- As well as My role in this project is GUI(Graphical User Interface) part i.e. designing part.

- I used **Tkinter** library of Python to develop my application Interface.
- **Tkinter** library is an open source portable Graphical User Interface.
- This library provides several number of widgets ,controls such as **Label widget**, **Button widget**, **Entry widget**, and inbuilt functions.

Code of Application Interface

- ```
top = Tk()
font = ("blue", 20, "bold") top.title("Messenger")

Creating message window
top.geometry("400x550")
top.resizable(0, 0)
```
- ```
# Entry function will create one line for writing
```

```
numberText = Entry(top, font=font, bg="lightyellow", fg="silver")  
numberText.pack(fill=X, pady=20)
```

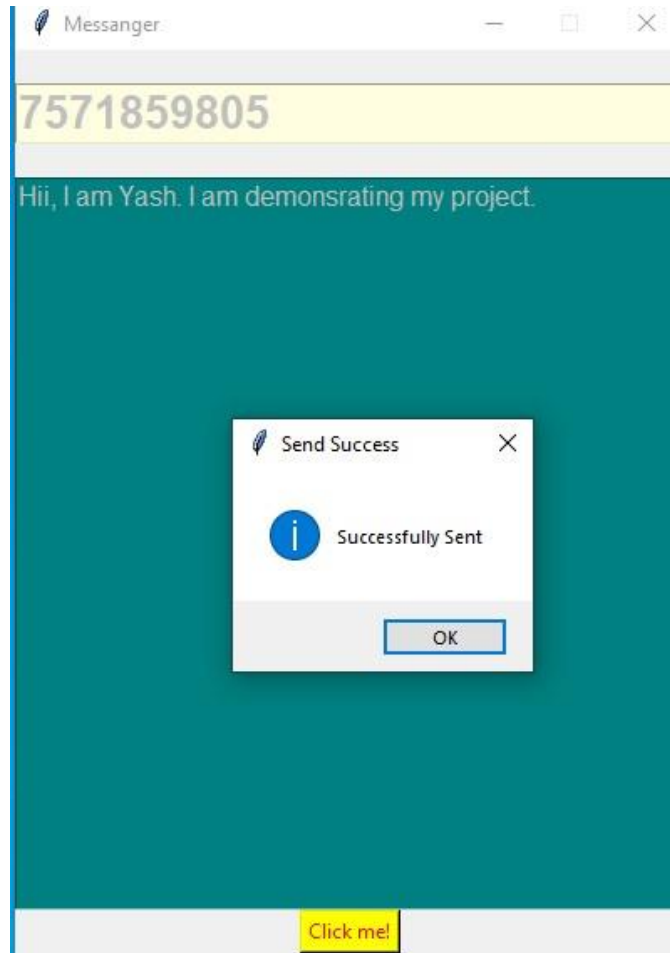
text function will create multi line area to write

```
msgText = Text(top, font="purple", bg="teal",  
fg="silver") msgText.pack(fill=X)
```

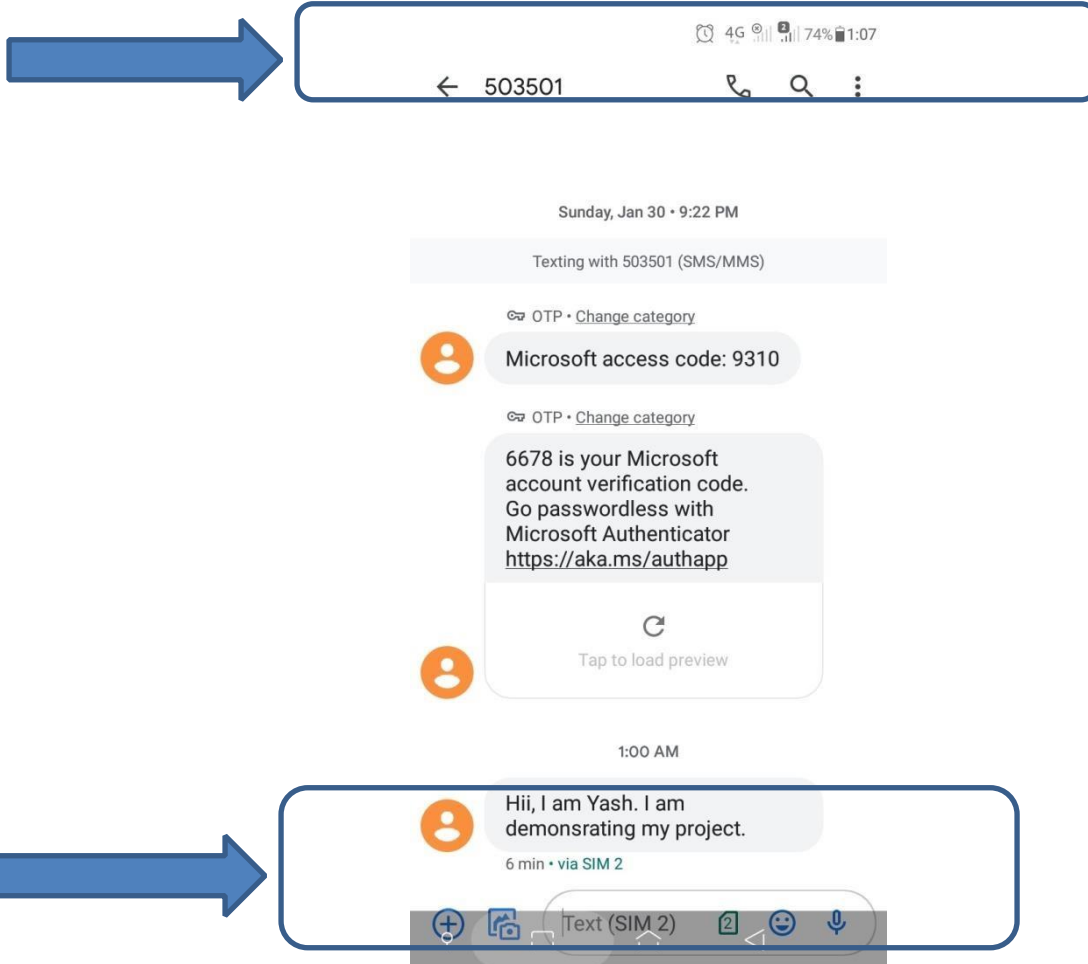
Button function will create button for submission of written message

```
button = Button(top, text="Click me!", bg="yellow", fg="red",  
command=press_click) button.pack()
```

INTERFACE of APPLICATION **SENDER SIDE**



RECEIVER SIDE



CONCLUSIONS:

- By getting this training and working on development of projects my interest in this language is now more.
- During this project We got experience how to work in teams, what is collaborations ,how to collaborate with others.

REFERENCES:

www.geeksforgeeks.org

www.w3schools.com

THANK YOU