Task 11 :- <u>Use Tkinter module for UI design</u> 10/00/25

Aim : To create a simple GUI using Tkinter to
collect and display employee details

<u>Algorithm</u> :

- Import tkinter and messagebox.
- Create input fields for ID, name, department, contact
- Add Submit button to show details in a popup
- Add Reset button to clear fields.
- Set window title, size, and background.

program code

```
import tkinter as tk
from tkinter import messagebox

def submit ():
    info = f"ID: {id_entry.get()}\n Name :{name_
        entry.get()}\n Dept :{ dept_entry.get()}\n
        Contact :{contact_entry.get()}".
    messagebox.showinfo("Employee details", info)

def reset ():
    for entry in [id_entry, name_entry, dept_entry,
            contact_entry]:
        entry.delete (0, tk.END)

root = tk.TK()
root.title ("Employee Form")
root.geometry ("300 X 250")
root.configure (bg = "#f0f8ff")

labels = ["Employee ID", "Name", "Department",
                                "Contact"]
entries = []
for i, text in enumerate (labels):
```

Sample output

GUI Window
- Title : Employee form
- Background : Light yellow
- Fixed Size : 300 × 220 pixels
- Input fields:
  - Employee ID
  - Name
  - Department
  - Contact
- Buttons :
- Submit : Shows entered details in popup
- Reset : Clears all field

~~Empl~~ Sample output – Submit

Enter ID : E101
Name : Prabha
Department : HR
Contact : 9876543210

```python
tk.label(root, text=text, bg="#f0f8ff").grid
    (row=i, Column=0, padx=10, pady=5, Sticky="w")
e = tk.entry(root)
e.grid(row=i, Column=1)
entries.append(e)

id_entry, name_entry, dept_entry, Contact_entry
                                    = entries

tk.Button(root, text="Submit", command=Submit).
    grid(row=4, Column=0, pady=15)

tk.button(root, text="reset", command=reset).
    grid(row=4, Column=1)

root.mainloop()
```

Result: Thus, python program to create simple GUI using Tkinter to display employee detail is executed.