EXPERIMENT NO:- 6

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SE3/S3/61

**CODE:**

import tkinter as tk

from tkinter import messagebox

*# Function to display the selected options*

def submit():

name = name\_entry.get()

gender = gender\_var.get()

skills = []

if skill1\_var.get():

skills.append("Python")

if skill2\_var.get():

skills.append("Java")

if skill3\_var.get():

skills.append("C++")

skill\_text = ", ".join(skills) if skills else "None"

info = f"Name: {name}\nGender: {gender}\nSkills: {skill\_text}" messagebox.showinfo("Information Submitted", info)

*# Function for custom dialog box*

def custom\_dialog():

messagebox.showwarning("Custom Dialog", "This is a custom warning dialog!")

*# Main window*

root = tk.Tk()

root.title("User Information Form")

root.geometry("400x400")

*# Label*

tk.Label(root, text="User Information Form", font=("Arial", 18)).pack(pady=10)

*# Name Entry*

tk.Label(root, text="Enter your name:").pack(pady=5)

name\_entry = tk.Entry(root, width=30)

name\_entry.pack(pady=5)

*# Radio Button for Gender*

tk.Label(root, text="Select Gender:").pack(pady=5)

gender\_var = tk.StringVar(value="") *# Set empty default*

tk.Radiobutton(root, text="Male", variable=gender\_var, value="Male").pack(anchor="w")

tk.Radiobutton(root, text="Female", variable=gender\_var,

value="Female").pack(anchor="w")

*# Checkbox for Skills*

tk.Label(root, text="Select Skills:").pack(pady=5)

skill1\_var = tk.BooleanVar(value=False)

skill2\_var = tk.BooleanVar(value=False)

skill3\_var = tk.BooleanVar(value=False)

tk.Checkbutton(root, text="Python", variable=skill1\_var).pack(anchor="w") tk.Checkbutton(root, text="Java", variable=skill2\_var).pack(anchor="w") tk.Checkbutton(root, text="C++", variable=skill3\_var).pack(anchor="w")

*# Submit Button*

tk.Button(root, text="Submit", command=submit).pack(pady=10)

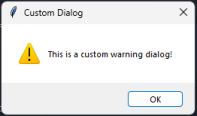
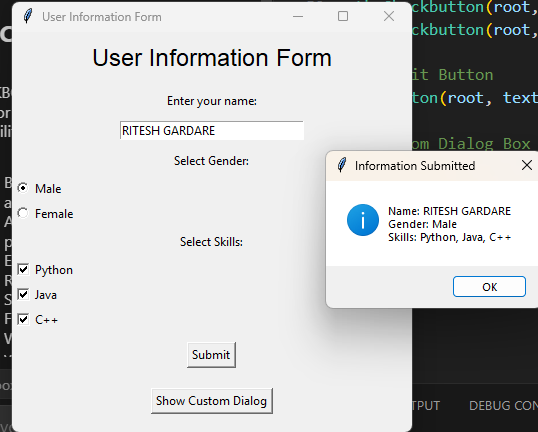
*# Custom Dialog Box Button*

tk.Button(root, text="Show Custom Dialog", command=custom\_dialog).pack(pady=10)

*# Run the GUI loop*

root.mainloop()

**OUTPUT:**

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