9/23/23, 10:39 AM Tkinter

```
In [ ]: import tkinter as tk
        import re
        # Function to validate email using regular expression
        def validate email(email):
            pattern = r'^[\w\.-]+@[\w\.-]+\.\w+$'
            return re.match(pattern, email)
        # Function to validate phone number using regular expression
        def validate phone(phone):
            pattern = r'^{d{10}}
            return re.match(pattern, phone)
        # Function to handle form submission
        def submit form():
            name = name entry.get()
            email = email entry.get()
            phone = phone entry.get()
            if not name:
                status label.config(text="Name is required")
            elif not validate email(email):
                status label.config(text="Invalid Email")
            elif not validate_phone(phone):
                status label.config(text="Invalid Phone Number")
            else:
                status_label.config(text="Form submitted successfully")
        # Create the main window
        root = tk.Tk()
        root.title("Pet Shop Management")
        # Labels
        name label = tk.Label(root, text="Name:")
        email label = tk.Label(root, text="Email:")
        phone_label = tk.Label(root, text="Phone:")
        # Entry Widgets
        name_entry = tk.Entry(root)
        email entry = tk.Entry(root)
        phone_entry = tk.Entry(root)
        # Button to submit the form
        submit_button = tk.Button(root, text="Submit", command=submit_form)
        # Status Label
        status_label = tk.Label(root, text="", fg="red")
        # Layout using grid
        name_label.grid(row=0, column=0, padx=10, pady=10)
        name_entry.grid(row=0, column=1, padx=10, pady=10)
        email label.grid(row=1, column=0, padx=10, pady=10)
        email entry.grid(row=1, column=1, padx=10, pady=10)
        phone_label.grid(row=2, column=0, padx=10, pady=10)
```

9/23/23, 10:39 AM Tkinter

```
phone_entry.grid(row=2, column=1, padx=10, pady=10)
submit_button.grid(row=3, columnspan=2, padx=10, pady=10)
status_label.grid(row=4, columnspan=2, padx=10, pady=10)

# Start the main Loop
root.mainloop()
```