Pseudocode for Patient Registration Form

1. START MAIN
Display title
Display current date
Display logo at the top
Display form section with inputs and validations
Display review section (only after clicking review button)
Display footer with an additional logo
END MAIN

1. START TITLE
Display text: "Patient Registration Form" as page heading
END TITLE

2. START DATE
Call date module from browser
Get current date from system/browser
Display date dynamically on the webpage in the header section
END DATE

3. START LOGO
Retrieve logo from src = "adject.png"
Display logo at the top of the form
END LOGO

4. START FORM
- First Name Validation

Get input: First Name
IF (First Name is between 1-30 characters AND contains only letters)
　　Continue
ELSE

Show warning: "Invalid First Name"

- **Middle Initial Validation**

Get input: Middle Initial

IF (Middle Initial is exactly 1 letter AND no special characters)
    Continue
ELSE
    Show warning: "Invalid Middle Initial"

- **Last Name Validation**

Get input: Last Name

IF (Last Name is between 1-30 characters AND contains only letters)
    Continue
ELSE
    Show warning: "Invalid Last Name"

- **Date of Birth (DOB) Validation**

Get input: DOB

IF (DOB is within 120 years from today AND not a future date)
    Continue
ELSE
    Show warning: "Invalid Date of Birth"

- **Social Security Number (SSN) Validation**

Get input: SSN

IF (SSN matches the required pattern: xxx-xx-xxxx)
    Continue
ELSE
    Show warning: "Invalid SSN"

- **Email Validation**

Get input: Email

IF (Email matches the required pattern: example@domain.com)
    Continue

ELSE
Show warning: "Invalid Email"

- #### Address Validation
Get input: Address
IF (Address matches the required format: alphanumeric characters, spaces, etc.)
Continue
ELSE
Show warning: "Invalid Address"

- #### Medical Insurance Validation
Get input: Insurance Option
IF (Option is 'Yes' OR 'No')
Continue with chosen option
ELSE
Show warning: "Select a valid option for medical insurance"

- #### User ID Handling
Get input: User ID
IF (User ID contains uppercase letters)
Convert all uppercase to lowercase
ELSE
Continue

- #### Password Handling
Get input: Password and Confirm Password
IF (Password matches Confirm Password AND follows the required pattern)
Continue
ELSE
Show warning: "Passwords do not match or are invalid"
END FORM

5. START REVIEW

On click of the Review button:
    Get all form data
    Display the collected data for user to verify

On click of the Submit button:
    IF (All validations are passed)
        Submit the form
    ELSE
        Show warnings for incomplete or incorrect fields

On click of the Reset button:
    Clear all input fields in the form
END REVIEW

6. START FOOTER
Retrieve footer logo from src = "adjectafooter.png"
Display the logo at the bottom of the page
END FOOTER