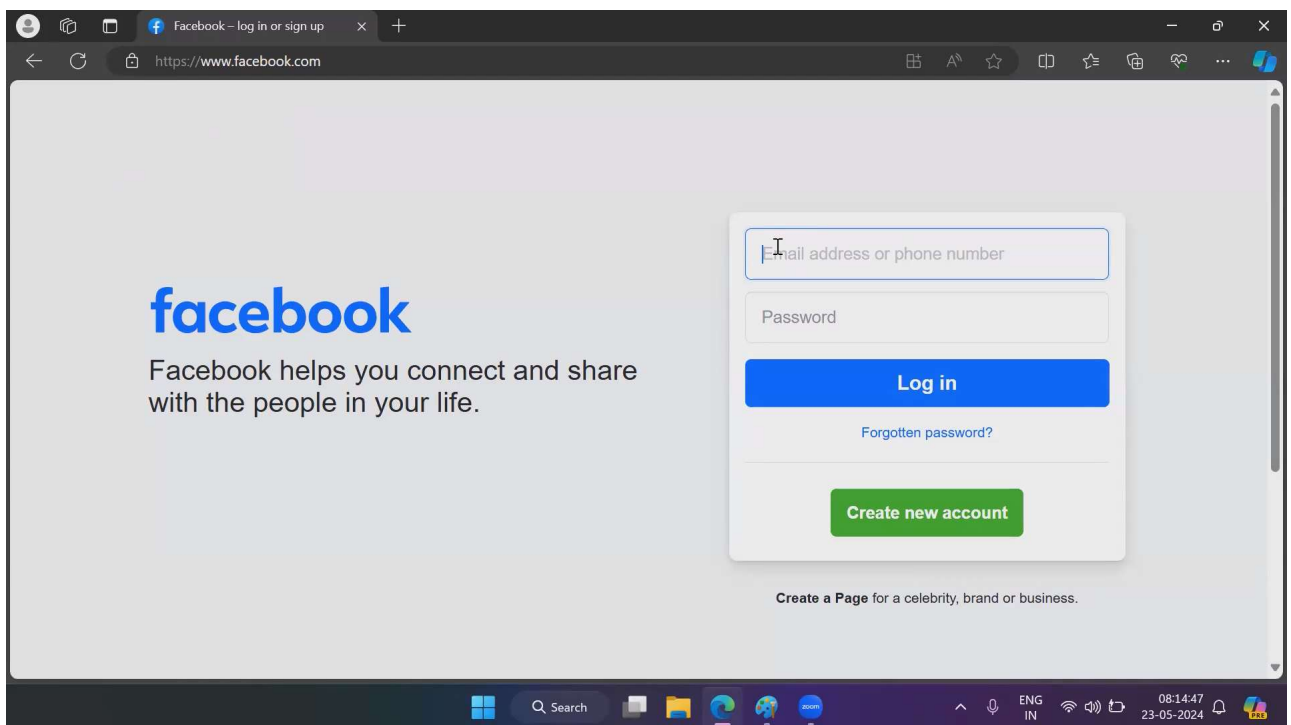


## Last Session

prerequisite to learn React	HTML, CSS, JS
What is React ?	it is a javascript frontend library
Library	it is a collection of predefined classes, functions, objects
What is Library?	
What is the purpose of the React	react is used to build user interfaces

User Interfaces	Collection of UI Components
	UI Components ----- Button, textbox, ..



- using HTML also we can create UserInterfaces
- using JavaScript also we can create UserInterfaces.
- then why we are learning React JS ?

Why React is used to create User Interfaces ?

Create a simple Button using HTML	
using Button Element	<button> </button>

If we create a button with html -- then we call that button as **HTML Button Element**

create a simple Button using JavaScript	
js provides, predefined object and functions, using these we can create DOM Button Element,now add this DOM Button Element to the Main DOM	
using a predefined createElement() method	document.createElement()

if we create a button with javascript -- that button is called as **DOM Button Element**

after creating the button, we have to add the button the DOM using predefined method provied by the javascript

	object	method
to create a element in javascript	document	createElment()

in HTML we have write 1 line to create a simple button.

in JS we have write 3 line to create a simple button.

in HTML we have written 6 line to create a simple list.

in JS we have written nearly 18 line to create a simple list.

userinterface is same, when created with js and html

Creating UI (Button) is easy in HTML.	Creating UI in JS looks little Complex.
in HTML, we cannot re-use the UI	in JS, We can re-use the UI



React

In React, Creating UI is easy and simple like HTML.

In React, we can re-use as UI multiple times.

React JS is taking the both the advantages of the HTML and JavaScript.

## Why to Use React

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- 1. creating UI is Simple in React
- 2. we can reuse the UI in the React

## How to create UI in React ?

(how to create Button and List in React)

we will see this in tomorrow session

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completed.

In this session we have learned about, why to use react instead of html, js to create userinterfaces.