**HTML Summary – RAJ BOOK STORE Navbar**

1. Basic HTML Structure

* Declared <!DOCTYPE html> and properly opened <html lang="en">.
* Included essential meta tags:
  + Character encoding (UTF-8)
  + Responsive viewport settings (width=device-width, initial-scale=1.0)

2. External Resources Included

* Linked custom CSS file (style.css) for styling.
* Included Font Awesome CDN for using icons (like hamburger menu icon).
* Integrated Google Fonts (Poppins & Bebas Neue) for elegant and modern typography.
* Used preconnect for performance optimization when loading fonts.

3. Navigation Bar (<nav>)

* Created a brand/logo section:
  + <div class="logo"><h2>RAJ BOOK STORE</h2></div>
* Added a responsive hamburger menu:
  + Used a checkbox (<input type="checkbox" id="menu">) and a label with a Font Awesome icon (<i class="fas fa-bars">)
  + Helps toggle the navigation on smaller screens.
* Navigation menu links in a list (<ul>):
  + Home, Services, Books, About, Contact
  + Each <li> contains an <a> tag linking to different pages.

Purpose:

This HTML file serves as the navigation/header section of a website for a bookstore named RAJ BOOK STORE, designed with responsiveness and modern styling in mind.

### ****CSS Summary – RAJ BOOK STORE****

### 1. **Global Styling**

* Reset default margin and padding for all elements.
* Used box-sizing: border-box for consistent sizing.

2. **Body Styling**

* Applied a full-screen background image.
* Set background to cover and center the image.
* Used Poppins font for modern typography.
* Set height: 100vh for full viewport height.

3. **Navigation Bar**

* Fixed height (80px) with black background.
* Used flexbox to align logo and menu items.
* justify-content: space-between for spacing between logo and menu.

4. **Logo Styling**

* Displayed the store name in white color.
* Increased font size and weight for visibility.
* Added margin for spacing.

5. **Menu Links**

* Displayed links horizontally with spacing using flex.
* Removed bullet points (list-style: none).
* Styled links in white color, with no underline.

6. **Hover Effects**

* On hover, links change to:
  + White background
  + Black text
  + Rounded corners
  + Smooth transition effect

7. **Hamburger Menu Setup**

* Initially hid the hamburger icon (.checkbtn) and checkbox (#menu).
* Made hamburger icon visible only on small screens.

8. **Responsive Design (for screens < 830px)**

* Converted menu into a vertical list.
* Menu covers full screen height and width.
* Displays menu when hamburger icon is clicked (checkbox checked).
* Used flex-direction: column for stacked layout.

Purpose:

CSS is used to style and layout HTML elements, making websites visually appealing and responsive.