**Gopal Datta Wagh (22610087)**

**TY IT (Batch T1)**

**Web Technology Lab**

***Experiment 6***

**Title:** Program on applying layout to HTML web page.

This HTML and CSS program demonstrates how to apply layout techniques to create a well-structured and visually appealing web page. The page includes various sections like a header, navigation, hero banner, main content, sidebar, and footer, using responsive design principles to ensure optimal viewing on different screen sizes.

**Features Implemented:**

1. **Responsive Layout**: The page is structured using a flexible layout that adapts to different screen sizes with a combination of flexbox and media queries.
2. **Header and Navigation**: A fixed header with a navigation bar that contains links to different sections of the webpage. The navigation highlights active sections on hover.
3. **Hero Section**: A visually appealing hero section with a background image, central heading, subheading, and call-to-action button.
4. **Main Content and Sidebar**: The main content is complemented by a sidebar with quick links, enhancing user navigation.
5. **Styling and Typography**: Proper typography using different heading levels (h1, h2, h3), paragraphs, and links styled with custom fonts and colors.
6. **Footer Section**: A simple footer with company information and copyrights.
7. **Hover Effects and Transitions**: Smooth transitions and hover effects applied to buttons, links, and navigation items.
8. **Box Shadows and Border Radius**: Box shadows and border radius applied to containers for a modern look.
9. **Mobile Responsiveness**: Adjusts the layout for mobile screens by stacking the content vertically when viewed on smaller devices.



