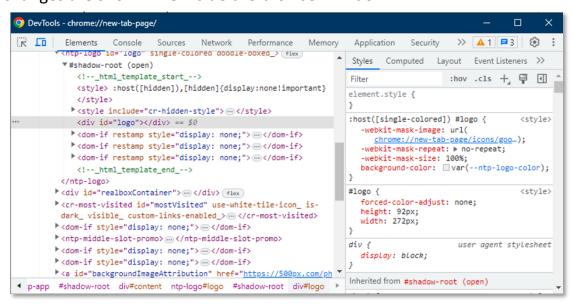
# **Practical 1**

#### **Demonstration of Web Browsers**

### 1) Inspect Element :-

Inspect element is a feature of modern web browsers that enables anyone to view and edit a website's source code, including its HTML, CSS, JavaScript, and media files. When the source code is modified with the inspect tool, the changes are shown live inside the browser window.



**2) Browser Console :-** The browser developer console is a tool which logs the information associated with a web application, such as network requests and errors.

```
DevTools - chrome://new-tab-page/
Elements Console Sources Network Performance
                                                                                                                                                                                                                                                                                                  >> 🛕 1 📮 3 😥
                                                                                                                                                                                                                                                                  Security
                              <ntp-logo la="logo" single-colored doodle-boxed_> (flex)
                                                                                                                                                                                                                             Styles Computed Layout Event Listeners >>
                               ♥#shadow-root (open)
                                       <!--_html_template_start_-->
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                                                                                                                                                                                                                                                                                              :hov .cls + 🖁 🕕
                                       <style> :host([hidden]),[hidden]{display:none!important}
                                                                                                                                                                                                                            element.style {
                                       </style>
                                   ▶ <style include="cr-hidden-style"> ··· </style>
                                                                                                                                                                                                                            :host([single-colored]) #logo {
                                      <div id="logo"></div> == $0
                                                                                                                                                                                                                                   -webkit-mask-image: url(
                                   ▶ <dom-if restamp style="display: none;"> ··· </dom-if>

    <u>chrome://new-tab-page/icons/goo</u>...);

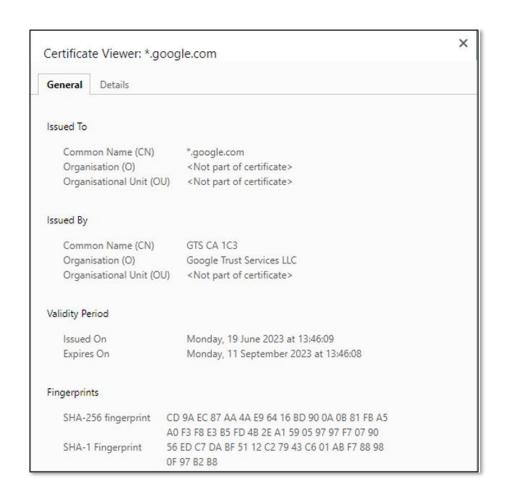
                                   ^{\blacktriangleright} < \texttt{dom-if restamp style="display: none;"} > \cdots < / \texttt{dom-if} >
                                                                                                                                                                                                                                   -webkit-mask-repeat: ▶ no-repeat;
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                                                                                                                                                                                                                           #logo {
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                        ▶ <dom-if style="display: none;"> ··· </dom-if>
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                         ► <a id="backgroundImageAttribution" href="https://500px.com/ph ▼
                                                                                                                                                                                                                            Inherited from #shadow-root (open)
◆ :p-app #shadow-root div#content ntp-logo#logo #shadow-root div#logo
```

#### 3) View Page Source :-

Navigate to the web page you would like to examine. Right-click the page and click View page source on menu. The source code for that page will now appear as a new tab in the browser.

```
Line wrap 🗸
    <html dir="ltr" lang="en">
      <head>
        <meta charset="utf-8">
        <title>New Tab</title>
        <style>
         body {
          background: #14539A;
           margin: 0;
  10
  11
        #backgroundImage {
 13
           border: none;
           height: 100%;
 14
           pointer-events: none;
           position: fixed;
 16
 17
            top: 0;
            visibility: hidden;
  18
 19
            width: 100%;
```

## 4) SSL Certificates :-



## 5) Different Components:-

