Introduction to Java Script

By

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JavaScript and Cookies

- Web Browsers and Servers use HTTP/HTTPS protocol

- To maintain session information among different pages(Commercial website).

- the most efficient method of remembering and tracking preferences, purchases, commissions or other

- The browser stored as a plain text record on the visitor's hard drive.

- Visitor on other page➔ the browser sends the same cookie to the server for retrieval➔ Server knows/remembers what was stored earlier

Cookies are a plain text data record of 5 variable-length fields

- **Expires** − The date the cookie will expire. (If blank then expiry after browser is closed)

- **Domain**

- **Path**

- **Secure** (If this field contains the word "secure", then the cookie may only be retrieved with a secure server. If this field is blank, no such restriction exists.)

- **Name=Value**

7 Cookies.html

Page Redirection

jana tha japan pahunch gaye chin…………..

- When clicked a URL to reach a page X but internally you were directed to another page Y.

- Domain Migrated

- based on browser versions

- based on different countries

- Search Engines already indexed….domain migrated….keeping…..visitor

Working Page Re-direction

```
<html>
  <head>
    <script type = "text/javascript">
      <!--
        function Redirect() {
          window.location = "https://www.kjsce.edu";
        }
      //-->
    </script>
  </head>
  <body>
    <p>Click the following button, you will be redirected to home page.</p>
    <form>
      <input type = "button" value = "Redirect Me" onclick = "Redirect();" />
    </form>
  </body>
</html>
```

```html
<html>
  <head>
    <script type = "text/javascript">
      <!--
        function Redirect() {
          window.location = "https://www.tutorialspoint.com";
        }
        document.write("You will be redirected to main page in 10 sec.");
        setTimeout('Redirect()', 10000);
      //-->
    </script>
  </head>

  <body>
  </body>
</html>
```

Practice Question

- Redirect the page based on browser

Dialog Boxes

- Alert Dialog Box

- …………………Recall the last session

Confirmation Dialog Box

- Two buttons: **OK** and **Cancel**.

- If the user clicks on the OK button, the window method **confirm**() will return true.

- If the user clicks on the Cancel button, then **confirm**() returns false.

13_ConfirmationDialogBox.html

Prompt Dialog Box

- Pop-up a text box
- To get user input

14_PromptDialogBox.html

Page Printing

- Students can Explore

Object Oriented Programming (OOP) language

- H
- E
- M
- A
- C
- P
- T

Class ?

Object ?

Polymorphism ?

Thank You