**Subject/Odd Sem 2023-23/Experiment 3**

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**Title of Experiment :Personal portfolio.**

**Objective of Experiment : The objective of this JavaScript code is to enhance website by adding dynamic content and interactivity, improving the user experience, and making the website more engaging and up-to-date.**

**Outcome of Experiment : These enhancements add dynamic content, interactivity, improved visual appeal, and a rotating profession display to enhance the user experience on Harshsportfolio.com.**

**Problem Statement : Enhance your personal website that you made in Experiment 01, 02 and 03 using JavaScript features like Variables, Operators, Conditions and Loops.**

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**Description / Theory :**

1. **Dynamic Copyright Footer**
   1. **var currentYear = new Date().getFullYear();**: This line retrieves the current year using JavaScript's **Date** object.
   2. **var footerText = "Copyright &#169; Harshsportfolio.com | All rights reserved " + currentYear;**: It constructs a dynamic copyright notice by combining a static portion with the current year.
   3. **document.querySelector(".footer-rights").innerHTML = footerText;**: This line selects an HTML element with the class "footer-rights" and updates its inner HTML content to display the dynamic copyright notice. This ensures that the copyright year always reflects the current year.
2. **Resume Download Button Functionality**
   1. **var downloadButton = document.querySelector(".btn:nth-child(1)");**: This code selects the first button element with the class "btn."
   2. **downloadButton.addEventListener("click", function() {...});**: It adds a click event listener to the selected button.
   3. Inside the event listener, the code can be expanded to provide resume download functionality when the button is clicked. Currently, it displays an alert, but you can replace this with the actual download logic.
3. **Styling Section Titles**
   1. **var sectionTitles = document.querySelectorAll("h1");**: This code selects all the **<h1>** elements on the webpage.
   2. **for (var i = 0; i < sectionTitles.length; i++) {...}**: It iterates through each **<h1>** element.
   3. **sectionTitles[i].style.color = "purple";**: This line sets the text color of each **<h1>** element to purple, enhancing the visual presentation of section titles.
4. **Rotating Profession Display**
   1. **var element = document.getElementById("element");**: This line selects an

HTML element with the ID "element."

* 1. **var profession = ["Web Developer", "Data Analyst", "Graphic Designer"];**: An array **profession** is defined, containing three different professions.
  2. **var currentProfession = 0;**: It initializes a variable to keep track of the currently displayed profession index.
  3. **setInterval(function() {...}, 2000);**: This function sets up an interval that runs every 2000 milliseconds (2 seconds).
  4. Inside the interval, it updates the content of the selected HTML element (**element**) with the next profession from the **profession** array in a cyclical manner, providing a dynamic and rotating display of different professions.

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| var currentYear = new Date().getFullYear(); var footerText = "Copyright &#169; Harshsportfolio.com | All rights reserved " + currentYear; document.querySelector(".footer-rights").innerHTML = footerText;  var downloadButton = document.querySelector(".btn:nth-child(1)"); downloadButton.addEventListener("click", function() { alert("Resume download functionality goes here.");  });  var sectionTitles = document.querySelectorAll("h1"); for (var i = 0; i < sectionTitles.length; i++) { sectionTitles[i].style.color = "purple";  }  var element = document.getElementById("element"); var profession = ["Web Developer", "Data Analyst", "Graphic Designer"]; var currentProfession = 0;  setInterval(function() { element.innerHTML = profession[currentProfession]; currentProfession = (currentProfession + 1) % profession.length;  }, 2000); |

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