A dark blue vertical bar is on the left. A blue arrow points right from it, containing the date.

2/8/2022

CSE3004 – Internet and Web Programming

Lab – 6

Several thin, curved, light blue lines originate from the bottom left and sweep upwards and to the right.

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Questions

1. Create 3 options to display the course codes of winter 21-22. When the student clicks the options the corresponding course slot names to be displayed. Provide the facility for the student to select more than one course option for this scenario.
2. Write the required CSS code to change the color of the text from black to red when the mouse moves over the text
3. Write a CSS code for displaying your name infinitely in the web page in alternate text color with two different size of the fonts. Ensure the animation runs infinitely.

HTML Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Animations</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body style="border: 1px solid; margin: 40px;">
  <h1 style="margin-left: 40px;" class="animation">PV Abhiram</h1>
  <h2 style="margin-top: 40px; text-align: center;" class="jo"> Hover
Example </h2>
  <div style="padding-left: 40px; margin-top: 40px;">
    <input type="checkbox" name="course" value="IWP" onclick="function1();
function2();"> IWP <br>
    <div class="ans1 font"></div><br><br>
    <input type="checkbox" name="course" value="DAA" onclick="function1();
function2();"> DAA <br>
    <div class="ans2 font"></div><br><br>
    <input type="checkbox" name="course" value="ALA" onclick="function1();
function2();"> ALA <br>
    <div class="ans3 font"></div><br><br>
  </div>
  <br><br><br>
</body>
<script src="index.js"></script>
</html>
```

CSS Code

```
.animation
{
    text-align: center;
    animation-name: example;
    animation-duration: 4s;
    animation-iteration-count: infinite;
    direction: rtl;
}

.jo:hover
{
    color: aqua;
    font-size: 40px;
}

@keyframes example {
    from {color: red; font-size: 30px;}
    to {color: blue; font-size: 60px;}
}
```

JS Code

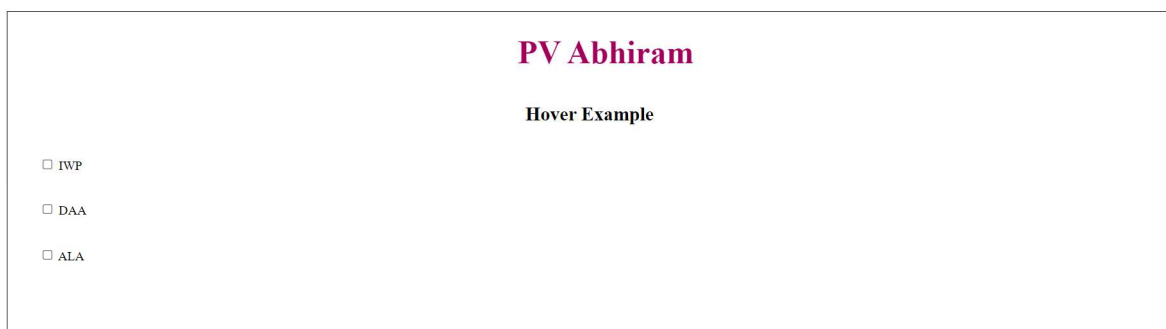
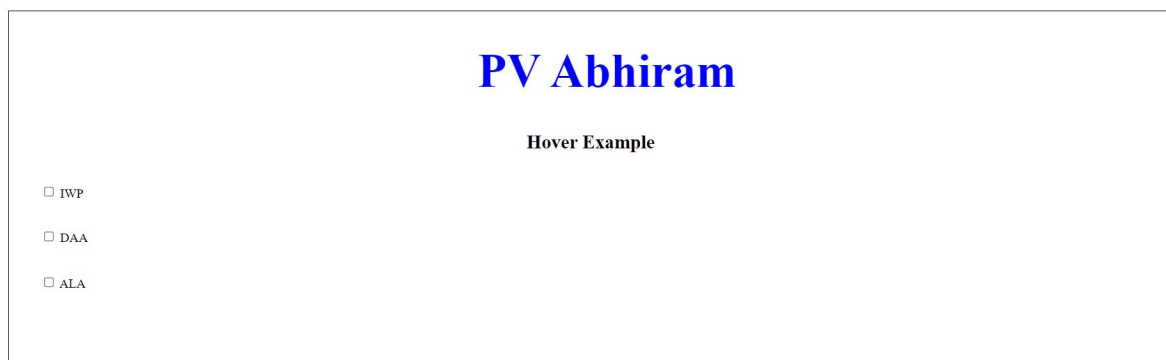
```
function function1()
{
    var x = document.getElementsByName("course");
    for (var i = 0 ; i < x.length ; i++)
    {
        document.querySelectorAll(".font")[i].style.fontFamily =
"Verdana,bold,arial";
        document.querySelectorAll(".font")[i].style.fontWeight = "900";
        if (x[i].checked == true)
        {
            var ans = (x[i].value).toUpperCase();
            if (ans == "IWP")
            {
                document.querySelector('.ans1').innerHTML = ans + " is
selected and the code is CSE3002 and F1 slot";
            }
            if (ans == "DAA")
```

```

        {
            document.querySelector('.ans2').innerHTML = ans + " is
selected and the code is CSE2012 and D1 slot";
        }
        if (ans == "ALA")
        {
            document.querySelector('.ans3').innerHTML = ans + " is
selected and the code is MAT3004 and A1 slot";
        }
    }
}
}

```

Output



Animations of name heading

P V Abhiram

Hover Example

Hover Example

Hover Example

PV Abhiram

Hover Example

- ☒ IWP
IWP is selected and the code is CSE3002 and F1 slot
- ☐ DAA
- ☒ ALA
ALA is selected and the code is MAT3004 and A1 slot

PV Abhiram

Hover Example

- ☒ IWP
IWP is selected and the code is CSE3002 and F1 slot
- ☒ DAA
DAA is selected and the code is CSE2012 and D1 slot
- ☐ ALA

Checkbox

Thank you ma'am
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