AIM:

A. To create a html page with css attributes using Colour, Background, Fonts, Tables,lists, CSS3 selectors, Pseudo classes, Pseudo elements.
B. To create a form /web page including css3 selectors pseudo elements, pseudo

THEORY:

CSS stands for cascading style sheets. CSS is the language we use to style an HTML document. CSS describes how HTML elements should be displayed. A CSS rule consists of a selector and a declaration block.

Fonts: Using this we add different fonts to our web page according to our requirement or basically for beautification purpose.

There are 5 generic font families:

1. Serif
2. Sans-serif
3. Monospace
4. Cursive
5. Fantasy Syntax:

    Eg . .p1{ Font-family: "serif";

Lists: It is same like that of the html lists, but here in css lists we can add style to it such as adding background colors to lists and list items, margin and padding.

Pseudo class: It is used to define a special state of an element. For example, it Can be used to: Style an element when a user mouses over it. Style visited and unvisited links differently.

For example, it can be used to:
  • Style an element when a user mouses over it

    Style visited and unvisited links **differently**

  • Style an element when it gets focus

Syntax:
selector:pseudo-class {
  property: value;

Pseudo element: A CSS pseudo-element is used to style specified parts of an element.(such as first line or first letter of a paragraph) Color: Using this we can set background color to page or set color to text.

A CSS pseudo-element is used to style specified parts of an element.

For example, it can be used to:

• Style the first letter, or line, of an element

• Insert content before, or after, the content of an element

SYNTAX:

selector:: pseudo-element {

property: value;

Syntax: <h1 style="background-color:blue;">This is my first page</h1>

There are different ways to color , it can be dome by simply mentioning the color, rgb color code system.

CODE: (styles.css file)

```css
body {
   background-color : rgb(225, 245, 248);
   margin:auto;
   }
   hr {
   border-style: none ;
   border-top-style : dotted ;
   border-color : grey ;
   border-width : 5px ;
   width : 5% ;
   }
   img{
      border-radius: 50%;
      margin: 10px;
      float:left;
   }
   h1,h3{
      color:#509797;
   }
```
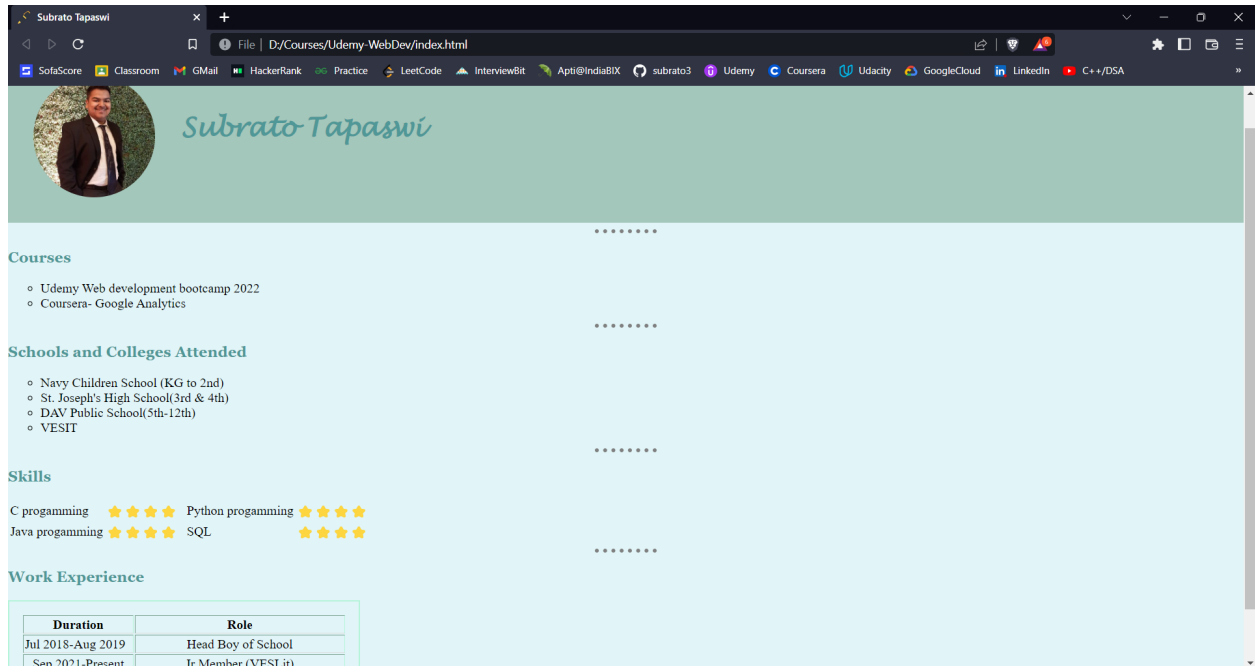
```css
  h1{
     font-family: "lucida handwriting";
  }
  h3{
     font-family:"georgia";
  }

div {
background-color: rgb(164, 199, 187);
text-align:center;
}

li{
   list-style-type: circle;
}

.intro{
   align-items:center;
}

body{
   margin:0;
}
h1{
   margin-top: 0;
}
.info{
   padding: 15px;
   border: 1.5px solid rgb(181, 244, 217);
   border-width: 2px;
   text-align: center;
   border-bottom: 2px solid #ddd;
}
.info:hover{
   background-color: rgb(95, 145, 145);
}
```

OUTPUT:

CONCULSION:

We have successfully implemented a HTML web page with requirements like para, video, image, etc.