Assessment 2

Source Code(index.html)

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="style.css">
     <meta name="viewport" content="width=device-width, initial-scale=1.0">
   </head>
<body>
  <div class="container">
    <div class="title">Student Registration Form</div>
    <div class="content">
      <form action="success.html">
        <div class="user-details">
          <div class="input-box">
            <span class="details">Full Name</span>
            <input type="text" placeholder="Enter your name" id = "studentname" required>
          </div>
          <div class="input-box">
            <span class="details">Password</span>
            <input type="password" placeholder="Enter your password"id ="studentpassword" required>
          </div>
          <div class="input-box">
            <span class="details">Age</span>
            <input type="number" placeholder="Enter your age" required>
          </div>

        </div>
        <div class="gender-details">
          <input type="radio" name="gender" id="dot-1">
          <input type="radio" name="gender" id="dot-2">
          <input type="radio" name="gender" id="dot-3">
          <span class="gender-title">Gender</span>
          <div class="category">
            <label for="dot-1">
            <span class="dot one"></span>
            <span class="gender">Male</span>
          </label>
          <label for="dot-2">
            <span class="dot two"></span>
            <span class="gender">Female</span>
          </label>
          <label for="dot-3">
            <span class="dot three"></span>
            <span class="gender">Prefer not to say</span>
            </label>
          </div>
        </div>

        <div class="course-details">
```

```html
            <span class="course-title">Select Course</span><br>
            <div class = "categoryCB" id = "languages">

                <input type="checkbox"  name ="sub">Computer Science  
                <input type="checkbox" name ="sub">Physics  
                <input type="checkbox" name ="sub">Chemistry  
                <input type="checkbox"  name ="sub">Maths  
                <input type="checkbox"  name ="sub">English
            </div>
        </div>
        <div class="button" id ="btn">
            <input type="submit" value="Submit" onclick=validateDetails()>
        </div>
    </form>
  </div>
 </div>


 <script src="script.js"> </script>
</script>
</body>
</html>
```

Source Code: (style.css)

```css
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700&display
=swap');
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Poppins',sans-serif;
}
body{
  height: 100vh;
  display: flex;
  justify-content: center;
  align-items: center;
  padding: 10px;
  background: linear-gradient(135deg, #71b7e6, #59b699);
}
.container{
  max-width: 700px;
  width: 100%;
  background-color: #fff;
  padding: 25px 30px;
  border-radius: 5px;
  box-shadow: 0 5px 10px rgba(0,0,0,0.15);
}
.container .title{
  font-size: 25px;
```

```css
  font-weight: 500;
  position: relative;
}
.container .title::before{
  content: "";
  position: absolute;
  left: 0;
  bottom: 0;
  height: 3px;
  width: 30px;
  border-radius: 5px;
  background: linear-gradient(135deg, #71b7e6, #598eb6);
}
.content form .user-details{
  display: flex;
  flex-wrap: wrap;
  justify-content: space-between;
  margin: 20px 0 12px 0;
}
form .user-details .input-box{
  margin-bottom: 15px;
  width: calc(100% / 2 - 20px);
}
form .input-box span.details{
  display: block;
  font-weight: 500;
  margin-bottom: 5px;
}
.user-details .input-box input{
  height: 45px;
  width: 100%;
  outline: none;
  font-size: 16px;
  border-radius: 5px;
  padding-left: 15px;
  border: 1px solid #ccc;
  border-bottom-width: 2px;
  transition: all 0.3s ease;
}
.user-details .input-box input:focus,
.user-details .input-box input:valid{
  border-color: #9b59b6;
}
 form .gender-details .gender-title{
  font-size: 20px;
  font-weight: 500;
 }
 form .course-details .course-title{
    font-size: 20px;
    font-weight: 500;
   }
 form .category{
  display: flex;
  width: 80%;
```

```css
    margin: 14px 0 ;
    justify-content: space-between;
}
form .categoryCB{
 display: flex;
 align-items: center;
 cursor: pointer;
 width: 90%;
 margin: 14px 0 ;
 justify-content: space-between;
}
form .category label{
    display: flex;
    align-items: center;
    cursor: pointer;
}
form .category label .dot{
 height: 18px;
 width: 18px;
 border-radius: 50%;
 margin-right: 10px;
 background: #d9d9d9;
 border: 5px solid transparent;
 transition: all 0.3s ease;
}
#dot-1:checked ~ .category label .one,
#dot-2:checked ~ .category label .two,
#dot-3:checked ~ .category label .three{
    background: #043322;
    border-color: #d9d9d9;
}
form input[type="radio"]{
    display: none;
}
form .button{
    height: 45px;
    margin: 35px 0
}
form .button input{
    height: 100%;
    width: 100%;
    border-radius: 5px;
    border: none;
    color: #fff;
    font-size: 18px;
    font-weight: 500;
    letter-spacing: 1px;
    cursor: pointer;
    transition: all 0.3s ease;
    background: linear-gradient(135deg, #71b7e6, #63d9aa);
}
form .button input:hover{
 /* transform: scale(0.99); */
 background: linear-gradient(-135deg, #71b7e6, #9b59b6);
```

```css
    }
 @media(max-width: 584px){
 .container{
  max-width: 100%;
}
form .user-details .input-box{
    margin-bottom: 15px;
    width: 100%;
  }
  form .category{
    width: 100%;
  }
  .content form .user-details{
    max-height: 300px;
    overflow-y: scroll;
  }
  .user-details::-webkit-scrollbar{
    width: 5px;
  }
  }
  @media(max-width: 459px){
  .container .content .category{
    flex-direction: column;
  }
}
}
```
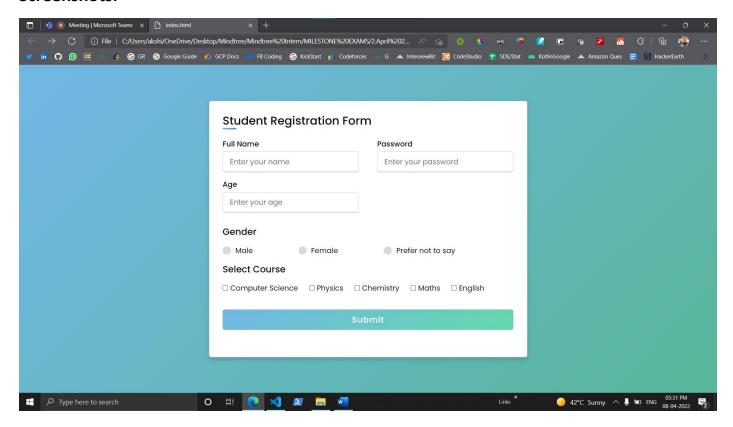
Source code: script.js

```javascript
function validateDetails() {

    if(validateName())
        console.log("Name is valid");
    if(validatePassword())
        console.log("Password is valid");
    if(validateCheckBox())
        console.log("Checkbox is valid");

}

function validatePassword(){
    // Should contains 1 to 10 characters + Alpha Numeric+ Minimum one special character
    var password = document.getElementById("studentpassword");
    if(password.value.match(/[a-z]/i) && password.value.match(/[A-Z]/i) &&
password.value.match(/\d/i) && password.value.match(/[$@$!%*?&]/i) &&
password.value.length <=10 && password.value.length>=1){
        return true;
    }
    else{
```
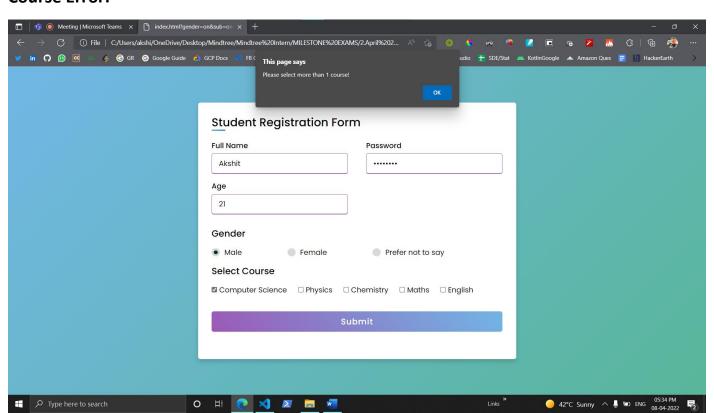
```javascript
        return false;
    }
}

function validateName(){
    // Should contain 5 to 20 characters. Should have one Uppercase letter.
    var name = document.getElementById("studentname");
    var regex = /^[A-Za-z]{5,20}$/;
    if(regex.test(name.value)){
        return true;
    }
    else{
        return false;
    }
}

function validateCheckBox(){
    // If user selects one checkbox and clicks on submit button appropriate error message
should show.

    var checkboxs = document.getElementsByName("sub");
    console.log("Checkbox len = ", checkboxs.length);
    var count = 0;
    for(var i=0; i<checkboxs.length; i++){
        if(checkboxs[i].checked == true){
            count++;
        }
    }
    console.log("count = ",count);
    if(count <=1){
        alert("Please select more than 1 course!");
        return false;
    }
    else{
        return true;
    }
}
```
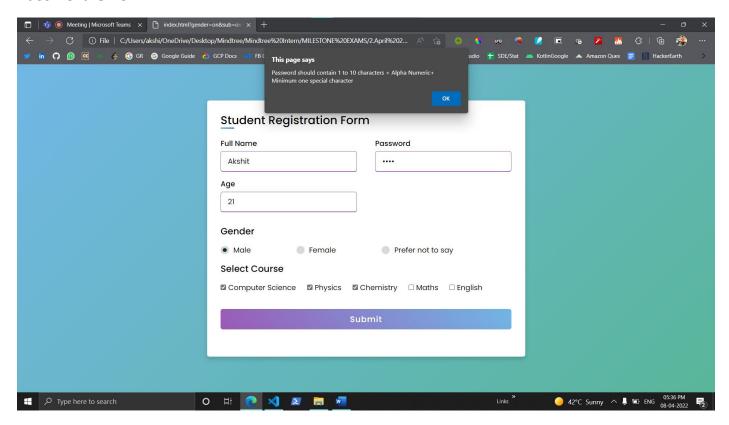
Source Code: success.html

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="UTF-8" />
    <link rel="stylesheet" href="style.css" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  </head>
  <body>
    <h1>Successfully Submitted!</h1>
  </body>
</html>
```

Screenshots:

Course Error:

Password error:

On Successfully validating: (success.html)