**Assessment 2**

**Source Code(index.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">

            <span class="course-title">Select Course</span><br>

            <div class = "categoryCB" id = "languages">

            <input type="checkbox"  name ="sub">Computer Science &emsp;

            <input type="checkbox" name ="sub">Physics &emsp;

            <input type="checkbox" name ="sub">Chemistry &emsp;

            <input type="checkbox"  name ="sub">Maths &emsp;

            <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)**

@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;

  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%;

   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);

  }

 @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**

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{

       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**

<!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>

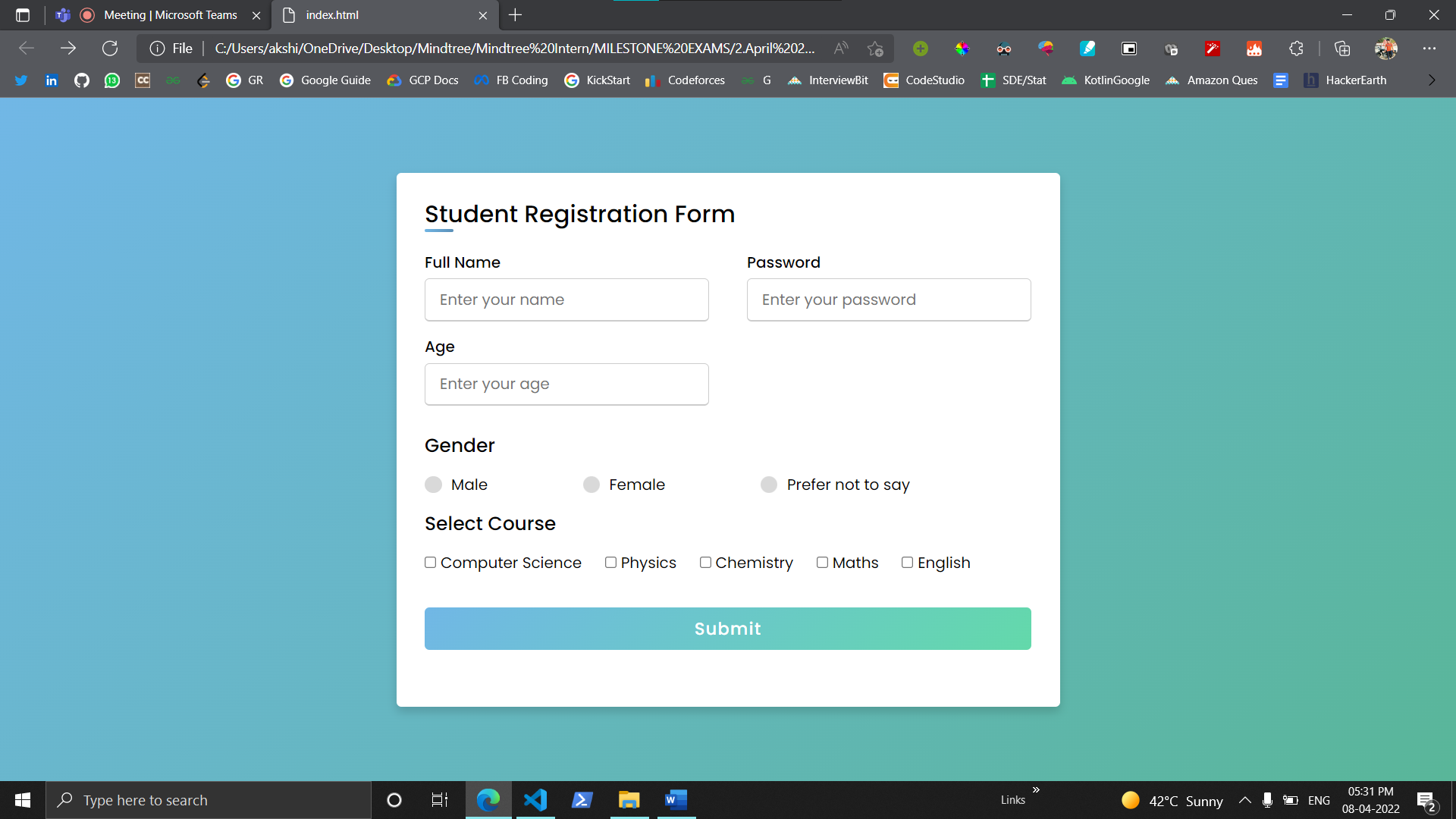
  <body>

    <h1>Successfully Submitted!</h1>

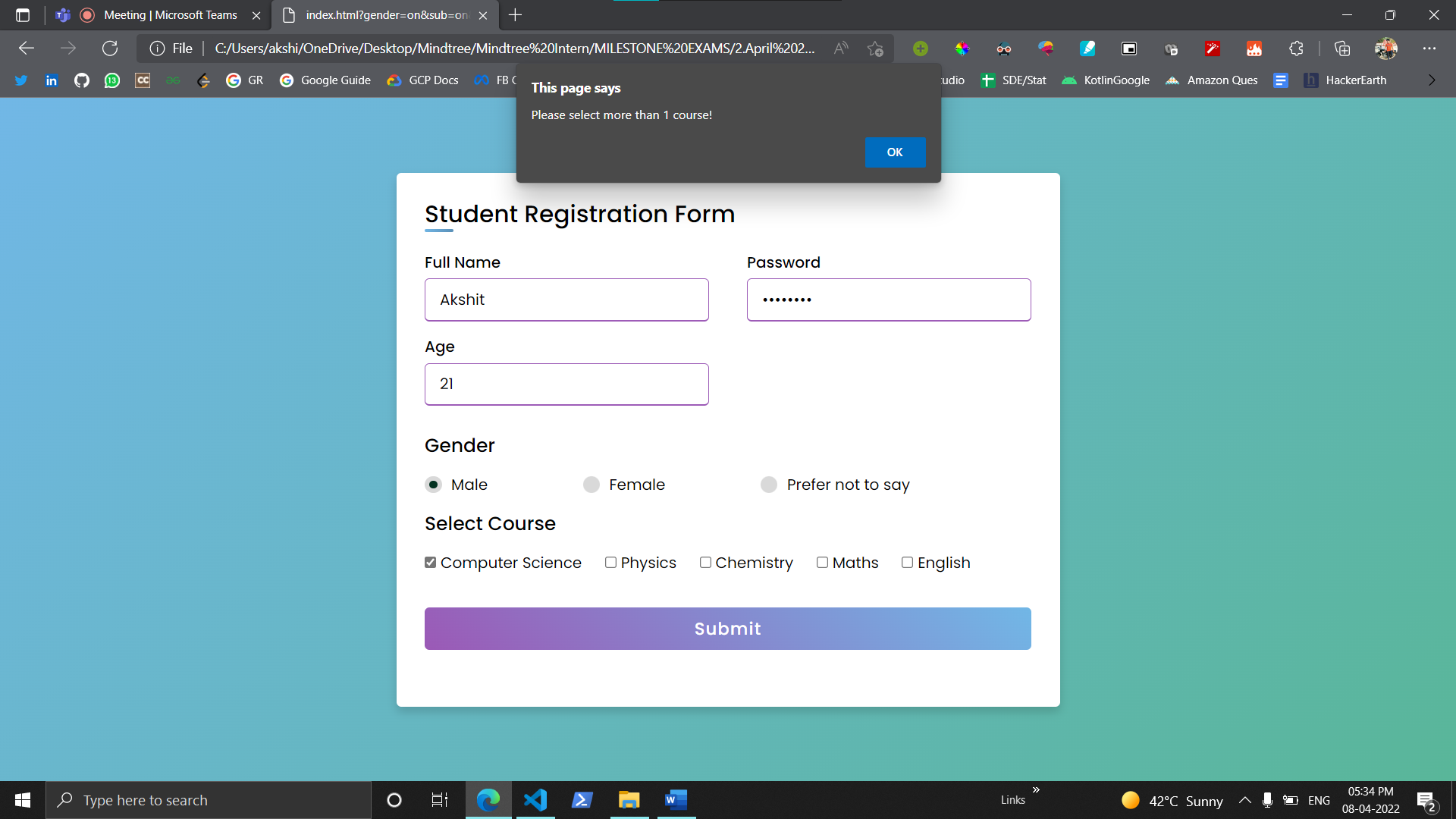
  </body>

</html>

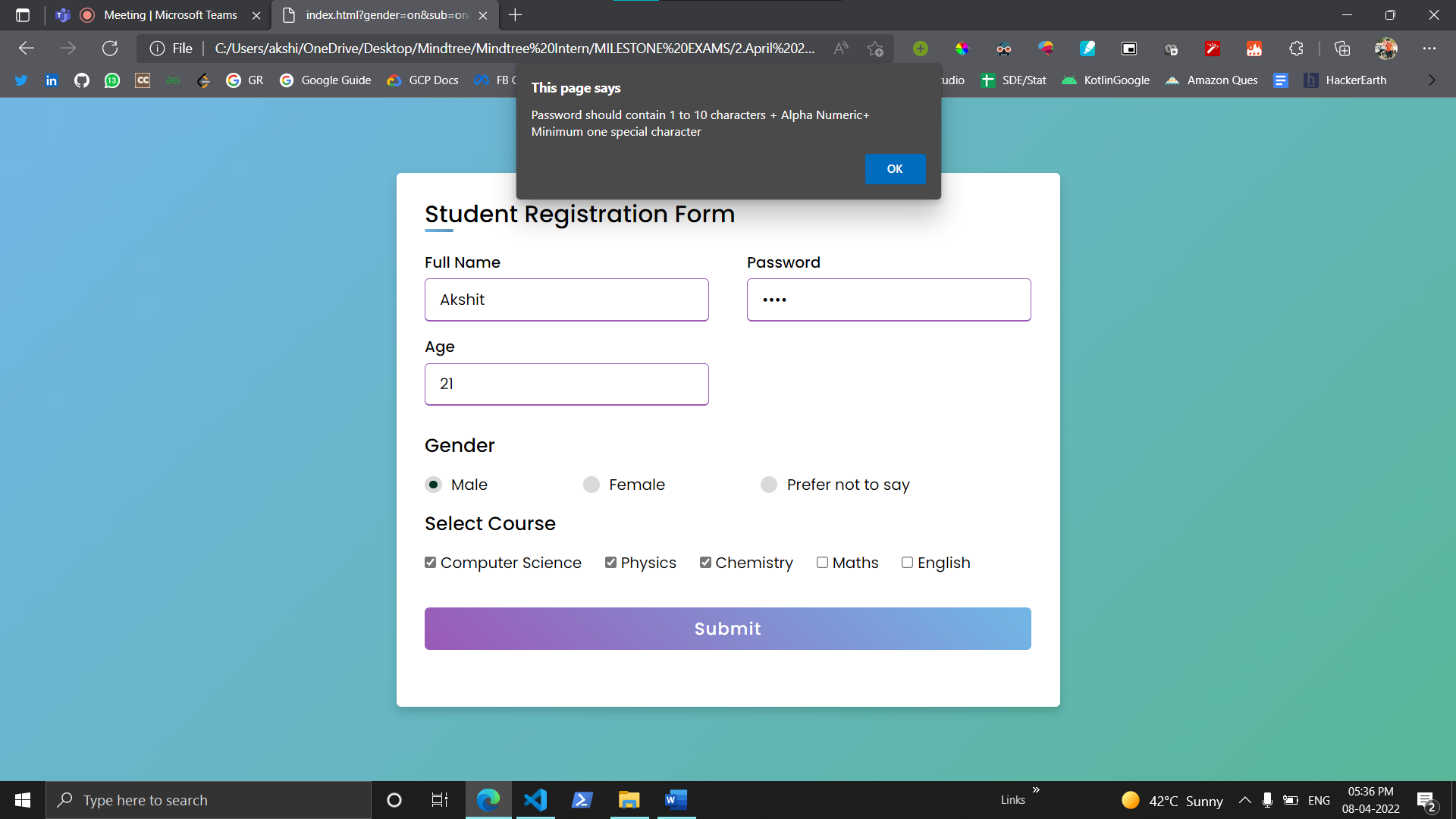
**Screenshots:**

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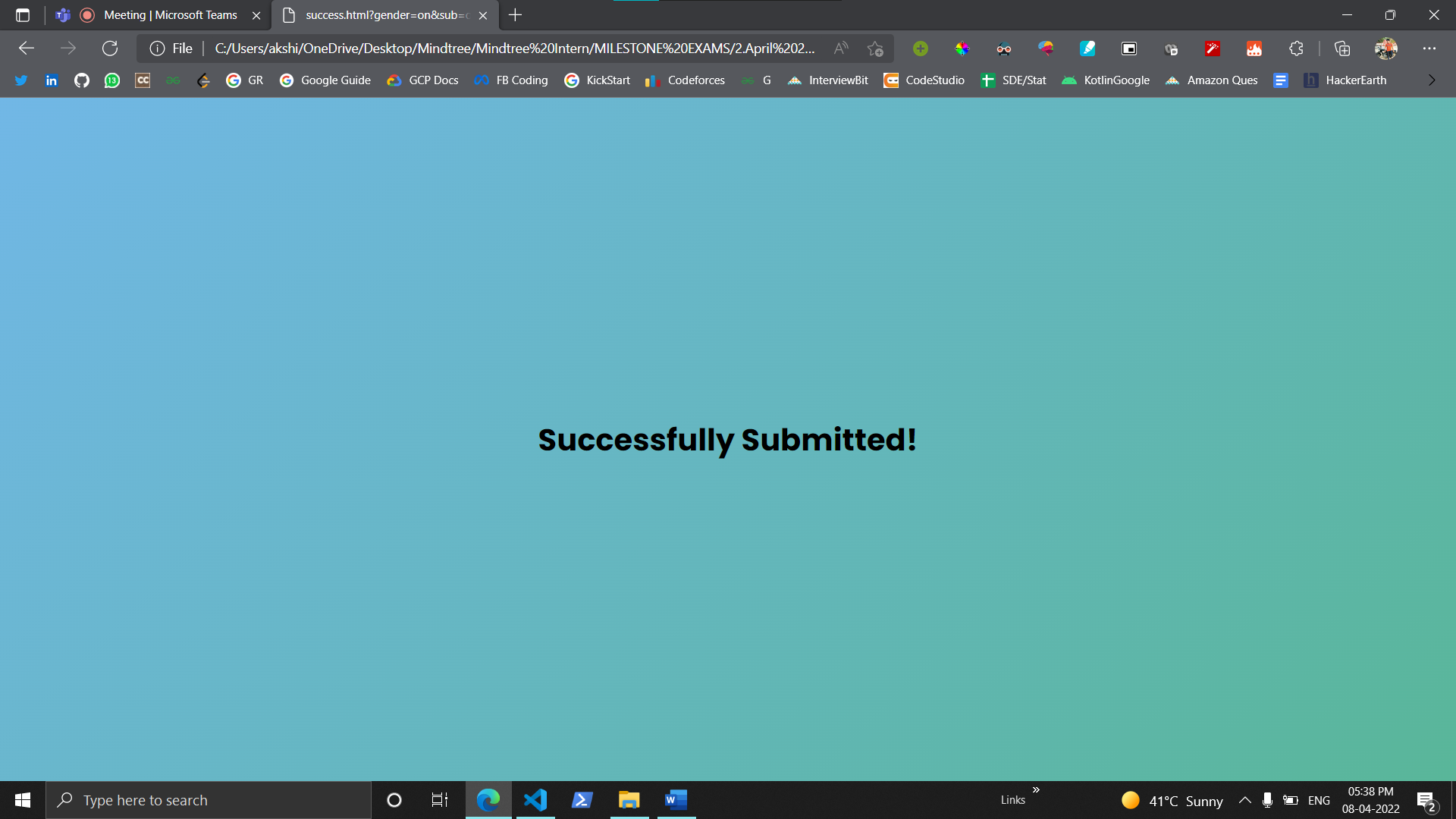
**Course Error:**

****

**Password error:**

****

**On Successfully validating: (success.html)**

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