

CODE REVIEW

1.

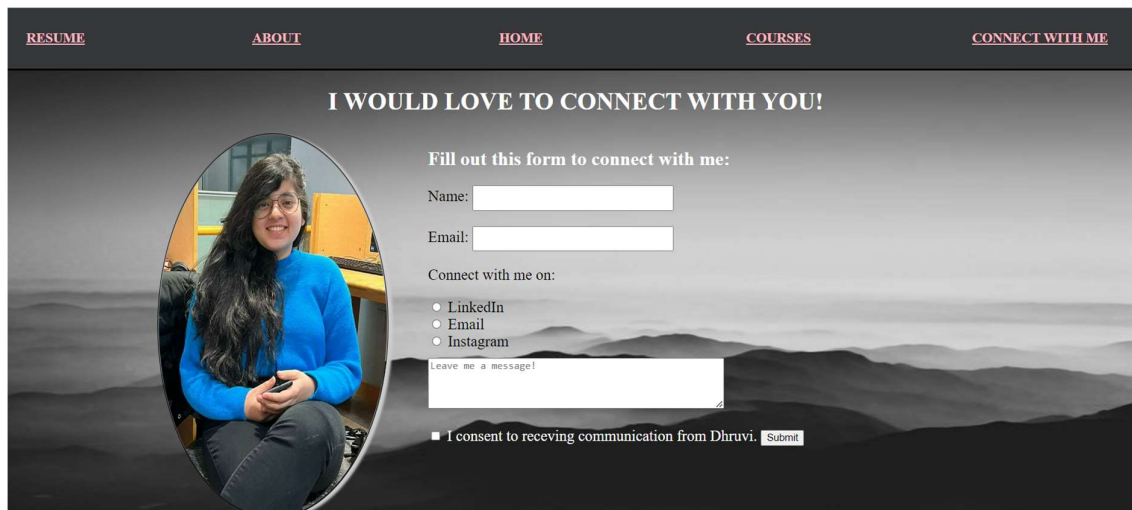
a. Code snippet:

```
<section class = "formC">
  <form method = "POST" id = "form">

    <p>
      <label for = "name" >Name:</label>
      <input type = "text" name = "name" id = "name">
    </p>
    <p>
      <label for = "email">Email: </label>
      <input type = "text" name = "email" id = "email">
    </p>

    <p>Connect with me on:</p>
    <div>
      <input type = "radio" name = "social_media" value = "https://www.linkedin.com/in/dhruvi-shah-65baa7247/" id = "LinkedIn">
      <label for = "LinkedIn">LinkedIn</label>
    </div>
    <div>
      <input type = "radio" name = "social_media" value = "Email" id = "e1">
      <label for = "email">Email</label>
    </div>
    <div>
      <input type = "radio" name = "social_media" value = "Instagram" id = "insta">
      <label for = "insta">Instagram</label>
    </div>
    <div class = "message">
      <textarea name = "message" rows = "4" cols = "50" placeholder = "Leave me a message!"></textarea>
      <p>
        <input type = "checkbox" id = "check">
        <label for = "checked" style = "color: ■white">I consent to receiving communication from Dhruvi.</label>
        <input type = "submit" value = "Submit" id = "submit">
      </p>
    </div>
  </form>
```

b. Current output:



c. Desired output: Currently, the form can be submitted even if the consent to contact is not checked. With JS conditionals, I want to change it such that the submit button remains disabled until the checkbox is checked.

d. Code snippet:

```
<script>
//conditional
const checkbox = document.getElementById("check");
const submitBtn = document.getElementById("submit");

checkbox.addEventListener("change", function() {
  // If the checkbox is checked, enable the submit button
  if (checkbox.checked) {
    submitBtn.disabled = false;
  }
  // If the checkbox is not checked, disable the submit button
  else {
    submitBtn.disabled = true;
  }
});
```

e. New outcome:

The screenshot shows a contact form titled "I WOULD LOVE TO CONNECT WITH YOU!". At the top is a navigation bar with links: RESUME, ABOUT, HOME, COURSES, and CONNECT WITH ME. Below the title, there is a circular profile picture of a woman with long dark hair wearing a blue sweater. To the right of the picture, the text "Fill out this form to connect with me:" is followed by input fields for "Name:" and "Email:". Below these is a section "Connect with me on:" with radio buttons for LinkedIn, Email, and Instagram. There is a text area labeled "Leave me a message!". At the bottom, there is a checkbox labeled "I consent to receiving communication from Dhruvi." which is checked, and a "Submit" button.

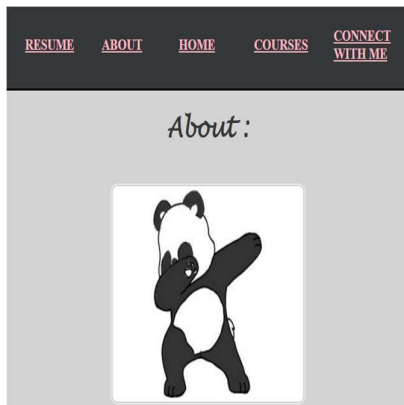
As can be seen, the submit button is disabled if the checkbox is not checked. But on checking it the submit button is re-enabled.

This is a close-up of the contact form. It shows the "Leave me a message!" text area. Below it, the checkbox "I consent to receiving communication from Dhruvi." is checked with a blue checkmark. The "Submit" button is visible to the right of the checkbox.

2. a. Code snippet:

```
<!-- hamburger menu-->
<nav class = "hamburgerMenu">
  <ul class = "navHam-menu">
    <li class = "hamItem"><a href = "index.html" class = "hamLink"><b>HOME</b></a></li>
    <li class = "hamItem"><a href = "about.html" class = "hamLink"><b>ABOUT</b></a></li>
    <li class = "hamItem"><a href = "resume.html" class = "hamLink"><b>RESUME</b></a></li>
    <li class = "hamItem"><a href = "courses.html" class = "hamLink"><b>COURSES</b></a></li>
    <li class = "hamItem"><a href = "connect with me.html" class = "hamLink"><b>CONNECT WITH ME</b></a></li>
  </ul>
  <div class = "hamburger">
    <span class = "bar"></span>
    <span class = "bar"></span>
    <span class = "bar"></span>
  </div>
</nav>
```

b. Current outcome: In the mobile version, the navigation bar is displayed in the same way as the desktop version. This causes the navigation bar to have a scroll option and it looks stacked together.



c. Desired output: Putting the navigation bar in the Hamburger menu pattern so that the navigation bar is displayed only when the user requires it.

d. Code snippet:

Required CSS:

```
.hamburgerMenu{
  display: none;
}
.bar{
  display: block;
  height: 3px;
  width: 25px;
  margin: 5px auto;
  -webkit-transition: all 0.3s ease-in-out;
  transition: all 0.3s ease-in-out;
  background-color: white;
}
```

Required JSS:

```
const Hamburger = document.querySelector(".hamburger");
const hamMenu = document.querySelector(".navHam-menu");

Hamburger.addEventListener("click", () => {
  Hamburger.classList.toggle("active");
  hamMenu.classList.toggle("active");
})

document.querySelectorAll(".hamLink").forEach(n => n.addEventListener("click", ()=>{
  Hamburger.classList.remove("active");
  hamMenu.classList.remove("active");
})))
```

e. Output:

