Swan Solutions & Services Pvt Ltd Assignment Answers

HTML code:-

```html
<div class="container">
    <h1 class="form-heading">Swan Solutions & Services Pvt Ltd Assignment</h1>
    <form id="myForm">
        <div class="mb-3">
            <label for="name">Name</label>
            <input type="text" class="form-control" id="name" />
            <p id="nameErrMsg" class="error-message"></p>
        </div>
        <div class="mb-3">
            <label for="email">Email</label>
            <input type="text" class="form-control" id="email" />
            <p id="emailErrMsg" class="error-message"></p>
        </div>
        <div class="mb-3">
            <label for="email">Phone</label>
            <input type="text" class="form-control" id="phone" />
            <p id="phoneErrMsg" class="error-message"></p>
        </div>
        <div class="mb-3">
            <label for="address">Address</label>
            <input type="text" class="form-control" id="address" />
        </div>
        <div class="mb-3">
            <label for="date">Appointment Date</label>
            <input type="date" class="form-control" min="2022-12-02" />
        </div>
        <div class="mb-3">
            <label for="date">Appointment Time</label>
            <input type="time" class="form-control" />
        </div>
        <div class="mb-3">
            <label for="status">Services</label>
            <select id="status" class="form-control">
                <option value="Confinement">Confinement</option>
                <option value="Treatments">Treatments</option>
                <option value="Procedures">Procedures</option>
                <option value="Tests">Tests</option>
```

```html
          <option value="Examinations">Examinations</option>
        </select>
      </div>
      <div class="mb-3">
        <input type="text" id="input-val" />
        <p id="operation"><span id="num1">1</span> + <span id="num2">2</span></p>
        <button id="btn">Enter</button>
        <p id="captchaErrMsg" class="error-message"></p>
      </div>
      <div class="mb-3">
        <label for="comments">Comments</label>
        <input type="text" class="form-control" />
      </div>
      <button class="btn btn-primary" onclick="display()">Submit</button>
    </form>
  </div>
```

CSS code:-

```css
    .form-heading {
  font-family: "Roboto";
  font-size: 36px;
  padding-top: 40px;
  padding-bottom: 20px;
}

.error-message {
  color: #dc3545;
  font-family: "Roboto";
  font-size: 14px;
}

.gender-field-heading {
  color: #212529;
  font-size: 18px;
  margin-bottom: 10px;
}
```

Javascript code:-

```javascript
     let nameEl = document.getElementById("name");
let nameErrMsgEl = document.getElementById("nameErrMsg");

let emailEl = document.getElementById("email");
let emailErrMsgEl = document.getElementById("emailErrMsg");
```

```javascript
let phoneEl = document.getElementById("phone");
let phoneErrMsgEl = document.getElementById("phoneErrMsg");


let inputValEl = document.getElementById("input-val");
let num1 = document.getElementById("num1");
let num2 = document.getElementById("num2");
const myBtn = document.getElementById("btn");
let captchaErrMsgEL = document.getElementById("captchaErrMsg");

let myFormEl = document.getElementById("myForm");

let formData = {
    name: "",
    email: "",
    services: "Confinement"
};

num1.innerText = Math.floor(Math.random() * 10);
num2.innerText = Math.floor(Math.random() * 10);

let number1 = num1.innerText;
let number2 = num2.innerText;

myBtn.addEventListener("click", () => {
    let sumResult = parseInt(number1) + parseInt(number2);
    let res = parseInt(inputValEl.value);

    if (res === sumResult) {
        captchaErrMsgEL.textContent = "Correct Captcha";
    } else {
        captchaErrMsgEL.textContent = "Incorrect captcha";
    }

});

nameEl.addEventListener("change", function(event) {
    if (event.target.value === "") {
        nameErrMsgEl.textContent = "Name Required*";
    } else {
        nameErrMsgEl.textContent = "";
    }

    formData.name = event.target.value;
```

```
});

emailEl.addEventListener("change", function(event) {
    if (event.target.value === "") {
        emailErrMsgEl.textContent = "Email Required*";
    } else {
        emailErrMsgEl.textContent = "";
    }

    formData.email = event.target.value;
});

phoneEl.addEventListener("change", function(event) {
    if (event.target.value === "") {
        phoneErrMsgEl.textContent = "Phone number Required*";
    }
    if (event.target.value.length > 10) {
        phoneErrMsgEl.textContent = "Phone number must be of 10 digits*";
    }
    if (event.target.value.length < 10) {
        phoneErrMsgEl.textContent = "Phone number must be of 10 digits*";
    } else {
        emailErrMsgEl.textContent = "";
    }

    formData.email = event.target.value;
});

function display() {
    if (nameErrMsgEl.textContent === "" && emailErrMsgEl.textContent === "" &&
captchaErrMsgEL.textContent === "Correct Captcha") {
        window.location.href = "https://thankyoupage10.ccbp.tech";
    }
}

function validateFormData(formData) {
    let {
        name,
        email
    } = formData;
    if (name === "") {
        nameErrMsgEl.textContent = "Name Required*";
    }
```

```javascript
    if (email === "") {
      emailErrMsgEl.textContent = "Email Required*";
    }
}

function submitFormData(formData) {
  let options = {
    method: "POST",
    headers: {
      "Content-Type": "application/json",
      Accept: "application/json",
      Authorization: "Bearer
00f3f8fde06120db02b587cc372c3d85510896e899b45774068bb750462acd9f",
    },
    body: JSON.stringify(formData)
  };

  let url = "https://gorest.co.in/public-api/users";

  fetch(url, options)
    .then(function(response) {
      return response.json();
    })
    .then(function(jsonData) {
      console.log(jsonData);
      if (jsonData.code === 422) {
        if (jsonData.data[0].message === "has already been taken") {
          emailErrMsgEl.textContent = "Email Already Exists";
        }
      }
    });
}

myFormEl.addEventListener("submit", function(event) {
  event.preventDefault();
  validateFormData(formData);
  submitFormData(formData);
  localStorage.setItem("registrationForm", JSON.stringify(formData));
});
```