\*Registration Form HTML\*

```

<!DOCTYPE html>

<html>

<head>

<title>Registration Form</title>

<style>

/\* Add some basic styling \*/

Body {

Font-family: Arial, sans-serif;

}

Form {

Width: 50%;

Margin: 40px auto;

Padding: 20px;

Border: 1px solid #ccc;

Border-radius: 10px;

Box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

Label {

Display: block;

Margin-bottom: 10px;

}

Input[type=”text”], input[type=”email”], input[type=”password”], input[type=”number”], select {

Width: 100%;

Height: 40px;

Margin-bottom: 20px;

Padding: 10px;

Border: 1px solid #ccc;

}

Input[type=”radio”] {

Margin-right: 10px;

}

.error-message {

Color: red;

Font-size: 12px;

Margin-bottom: 10px;

}

</style>

</head>

<body>

<form id=”registration-form”>

<h2>Registration Form</h2>

<label for=”name”>Name:</label>

<input type=”text” id=”name” name=”name” required>

<div class=”error-message” id=”name-error”></div>

<label for=”email”>Email:</label>

<input type=”email” id=”email” name=”email” required>

<div class=”error-message” id=”email-error”></div>

<label for=”password”>Password:</label>

<input type=”password” id=”password” name=”password” required>

<div class=”error-message” id=”password-error”></div>

<label for=”confirm-password”>Confirm Password:</label>

<input type=”password” id=”confirm-password” name=”confirm-password” required>

<div class=”error-message” id=”confirm-password-error”></div>

<label for=”age”>Age:</label>

<input type=”number” id=”age” name=”age” required>

<div class=”error-message” id=”age-error”></div>

<label for=”gender”>Gender:</label>

<input type=”radio” id=”male” name=”gender” value=”male” required>

<label for=”male”>Male</label>

<input type=”radio” id=”female” name=”gender” value=”female” required>

<label for=”female”>Female</label>

<div class=”error-message” id=”gender-error”></div>

<label for=”country”>Country:</label>

<select id=”country” name=”country” required>

<option value=””>Select Country</option>

<option value=”USA”>USA</option>

<option value=”Canada”>Canada</option>

<option value=”UK”>UK</option>

</select>

<div class=”error-message” id=”country-error”></div>

<label for=”terms”>

<input type=”checkbox” id=”terms” name=”terms” required>

I agree to the Terms and Conditions

</label>

<div class=”error-message” id=”terms-error”></div>

<button type=”submit”>Register</button>

</form>

<script src=”registration-script.js”></script>

</body>

</html>

```

\*Registration Form JavaScript\*

```

// Get the form element

Const form = document.getElementById(‘registration-form’);

// Add event listener to form submission

Form.addEventListener(‘submit’, € => {

// Prevent default form submission

e.preventDefault();

// Validate form fields

validateName();

validateEmail();

validatePassword();

validateConfirmPassword();

validateAge();

validateGender();

validateCountry();

validateTerms();

// Check if all fields are valid

If (isValid()) {

// Submit the form

Form.submit();

}

});

// Validation functions

Function validateName() {

Const name = document.getElementById(‘name’);

Const nameError = document.getElementById(‘name-error’);

If (name.value.trim() === ‘’) {

nameError.innerText = ‘Name is required’;

return false;

} else {

nameError.innerText = ‘’;

return true;

}

}

Function validateEmail() {

Const email = document.getElementById(‘email’);

Const emailError = document.getElementById(‘email-error’);

Const emailRegex = /^[a-zA-Z0-9.\_%+-][+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2](mailto:+@[a-zA-Z0-9.-]+\.%5ba-zA-Z%5d%7b2)

```