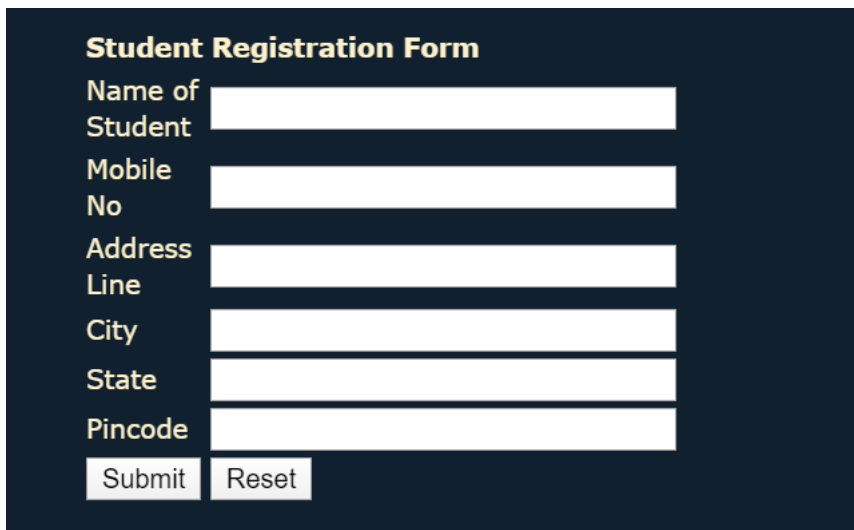


JavaScript Assignment 5

Learn the following

1. The Document Object Model, Predefined objects, Object-oriented language, HTML Element, Variables, Scope , Operators, Functions, Conditional statements, Looping statements
2. Understand the data types, understand the difference between Let, Var and const with example, understand the scope of these variables.
3. Write a JavaScript to find factorial of a number. Use prompt to enter the number, pass that to a function which computes the factorial and Use console.log and Alert to display the output.
4. Create a program that takes temperature value and categorizes it :
 - a. Below 0 : "Freezing"
 - b. 0 to 15 : "Cold"
 - c. 16 to 30 : Moderate
 - d. Above 30 : Hot
5. Write JavaScript programs to find the index of locate from this string.
"Please locate where 'locate' occurs!";
6. Write a JavaScript program to design student registration form and perform following validation:
 - Check all fields should not contain a null value
 - Check name field contains only alphabets
 - Mobile No field should be of 10 digits
 - Pin code field should be of 06 digits



Student Registration Form

Name of Student

Mobile No

Address Line

City

State

Pincode

Once submit is clicked, show the data in a table like this.

Student Name	Mobile No	State
xxx	xxx	xxx

7. Select all elements with the class "menu-item" and the attribute data-menu="true" using `querySelectorAll()`.
8. Write program to use `onclick` to dynamically toggle the text of a button between "Show" and "Hide"

Hide

9. Write a JavaScript program to implement this.

Guess the number between 1 to 10

2

Try again!

Number of attempts: 1

9. Reveal the button names when clicked.

You have selected

HTML

Javascript

CSS