

1. Know keywords and existing functions of JavaScript?

Ans: **Keywords:**

1. **var, let, const:** Used to declare variables.
2. **function:** Used to define functions.
3. **if, else:** Used for conditional statements.
4. **for, while, do-while:** Used for loop iterations.
5. **switch, case, default:** Used for switch-case statements.
6. **return:** Used to return a value from a function.
7. **break, continue:** Used to control loop iterations.
8. **try, catch, finally:** Used for exception handling.
9. **new:** Used to create new instances of objects.
10. **this:** Refers to the current object in context.
11. **typeof:** Used to get the type of a variable.
12. **instanceof:** Used to check if an object is an instance of a specific class.

Existing Functions (Built-in Functions):

1. **alert(), confirm(), prompt():** Used for displaying dialogs.
2. **console.log(), console.error(), console.warn():** Used for logging messages to the console.
3. **parseInt(), parseFloat():** Used for converting strings to numbers.
4. **String(), Number(), Boolean():** Used for converting values to strings, numbers, and booleans respectively.
5. **Array(), Object(), Date():** Used for creating new instances of arrays, objects, and dates respectively.
6. **Math.random(), Math.floor(), Math.ceil():** Used for generating random numbers and performing mathematical operations.
7. **setTimeout(), setInterval():** Used for executing code after a specified delay or at regular intervals.
8. **encodeURIComponent(), decodeURI(), decodeURIComponent():** Used for encoding and decoding URLs.
9. **String.prototype.split(), String.prototype.slice(), String.prototype.indexOf():** String manipulation methods.

10. `Array.prototype.push()`, `Array.prototype.pop()`, `Array.prototype.forEach()`: Array manipulation methods.