

Explain the difference between var, let and const keywords.

<i>features</i>	<i>VAR</i>	<i>LET</i>	<i>CONST</i>
<i>SCOPE</i>	Function-scoped	Block-scoped	Block-scoped
<i>Reassignment</i>	Allowed	Allowed	Not allowed after initialization
<i>redeclaration</i>	Allowed in same scope	Not allowed in same scope	Not allowed
<i>Hoisting</i>	Yes, initialized as undefined	Yes, but in TDZ (no access before declaration)	Yes, but in TDZ (no access before declaration)

Mention the different datatypes with an example for each.

<i>Data Type</i>	<i>Description</i>	<i>Example</i>
<i>String</i>	Represents textual data	let name = "John";
<i>Number</i>	Represents numeric values (integers, floats)	let age = 30;
<i>BigInt</i>	Represents large integers	let bigNum = 123n;
<i>Boolean</i>	Represents logical values true or false	let isActive = true;
<i>Undefined</i>	Variable declared but not initialized	let x;
<i>Null</i>	Represents no value	let y = null;
<i>Symbol</i>	Unique identifier, often used as object keys	let sym = Symbol("id");
<i>Object</i>	Complex data type for key-value pairs	let person = { name: "Alice" };
<i>Array</i>	Special object type for ordered lists	let arr = [1, 2, 3];
<i>Function</i>	Encapsulates reusable blocks of code	function greet() { ... }