

NATIVE JAVASCRIPT (ES6) MODULES

ES6 MODULES

Modules stored in files, **exactly one module per file.**

```
import { rand } from './math.js';  
const diceP1 = rand(1, 6, 2);  
const diceP2 = rand(1, 6, 2);  
const scores = { diceP1, diceP2 };  
export { scores };
```

import and export
syntax



Need to happen at top-level
Imports are hoisted!

ES6 MODULE

SCRIPT

👉 Top-level variables	Scoped to module	Global
👉 Default mode	Strict mode	"Sloppy" mode
👉 Top-level this	undefined	window
👉 Imports and exports	✅ YES	❌ NO
👉 HTML linking	<script type="module">	<script>
👉 File downloading	Asynchronous	