**Export:** You can export a variable using the **export** keyword in front of that variable declaration. You can also export a function and a class by doing the same.

**Syntax for variable:**

export let variable\_name;

**Syntax for function:**

export function function\_name() {

// Statements

}

**Syntax for class:**

export class Class\_Name {

constructor() {

// Statements

}

}

**Example 1:** Create a file named **export.js** and write the below code in that file.

|  |
| --- |
| export let num\_set = [1, 2, 3, 4, 5];    export default function hello() {      console.log("Hello World!");  }    export class Greeting {      constructor(name) {          this.greeting = "Hello, " + name;      }  } |

**Example 2:** In this example, we export by specifying the members of the module at the end of the file. We can also use alias while exporting using the **as** keyword.

let num\_set = [1, 2, 3, 4, 5];

export default function hello() {

console.log("Hello World!");

}

class Greeting {

constructor(name) {

this.greeting = "Hello, " + name;

}

}

export { num\_set, Greeting as Greet };

**Note:** A default export should be specified here.

**Import:** You can import a variable using **import** keyword. You can specify one of all the members that you want to import from a JavaScript file.

* **Syntax:**

import member\_to\_import from “path\_to\_js\_file”;

// You can also use an alias while importing a member.

import Greeting as Greet from "./export.js";

// If you want to import all the members but don’t

// want to Specify them all then you can do that using

// a ' \* ' star symbol.

import \* as exp from "./export.js";

* **Example 1:** Create a file named **import.html** and write the below code in that file.

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">      <head>          <title>Import in ES6</title>      </head>      <body>          <script type="module">                // Default member first              import hello, { num\_set, Greeting } from "./export.js";              console.log(num\_set);              hello();              let g = new Greeting("Aakash");              console.log(g.greeting);          </script>      </body>  </html> |

* **Example 2:**

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">      <head>          <title>Import in ES6</title>      </head>      <body>          <script type="module">              import \* as exp from "./export.js";                // Use dot notation to access members              console.log(exp.num\_set);              exp.hello();              let g = new exp.Greeting("Aakash");              console.log(g.greeting);          </script>      </body>  </html> |