Skills
Network

Developing Back-End Apps with Node.js and Express
Module 1 Cheat Sheet: Introduction to Server-Side JavaScript

Package/Method	Description	Code Example
	http package is used for establishing remote connections to a server or to create a server which listens to client.	

http/createServer	CreateServer - Takes a requestListener, a function which takes request and response parameters, where request is the handle to the request from the client and response is the handle to be sent to the client.	```const http = require('http');
		const requestListener = function(req, res) {
		res.writeHead(200);
		res.end('Hello, World!');
		}
		const port = 8080;
		const server =
		http.createServer(requestListener);
		console.log('server listening on port: '+
		port);```

Default/Date	new Date() method returns the current date as an	```module.exports.getDate = function getDate() { var aestTime = new Date().toLocaleString("en- US", {timeZone: "Australia/Brisbane"}); return aestTime; }```

	object. You can invoke methods on the date object to format it or change the timezone.	
Import()	The import statement is used to import modules that some other module has exported. A file that includes reusable code is known as a module.	```// addTwoNos.mjs function addTwo(num) { return num + 4; } export { addTwo }; // app.js import { addTwoNos } from './addTwoNos.mjs'; // Prints: 8 console.log(addTwo(4));```
Require()	The built-in NodeJS method require() is used to incorporate external modules that are included in different files. The require() statement essentially reads and executes a JavaScript file before returning the export object.	```module.exports = 'Hello Programmers'; message.js;var msg = require('./messages.js');console.log(message);```

Changelog

Date	Version	Changed by	Change Description
04-07-2022	1.0	Pallavi	Initial version created
18-10-2022	1.2	Sapthashree K S	Cheatsheet updated
17-11-2022	1.3	K Sundararajan	IDSN logo updated based on Beta feedback
29-11-2022	1.4	K Sundararajan	Minor upates based on Beta feedback

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