Debugging: The task to identify and remove errors from software application and is more than just printing out values in your code.

> Debugging Tools

Defugging tods provide important fundionalities that console log isn't able to provide

Debugging in Nobe: is application can be done using voices

a. Core - Node : je dehuggen

b. Node Inspector

c. Builtin de bugger in IDEs

a. Core Node is debugger.

· Nodejs perouides built-in non-graphic debugging tool that can be used on all platforms.

· It provides différent commands for debugging Node js application.

[xample

Van gs = require ('gs');

Is readfile ('test-tot', 'Ut fs', function (err, data) &

de bugger;

it ( Ens) from Der?

· Il we want to check the date" parameter

write debugger insider callback function.

. To debug application command used is: no de debug app. js

Important debugging commands. stop at the nort statement. continue execute and stop at the (1) neset debugger statement if any (99) cont -step in Junction. (ii) Step - Step out of Sundion (9V) out - Add the expression or variable into watch. (v) watch - See the value of all expressions (Vi) watcher and variables added into watch - Pause running code. (Vii) Pause 2. Node Inspector. \* Node inspector is crui based debugger. CopExample:

Vour les = require ('ls');
ls read file ('test text', 'Utfs', yourdion (err, data)

E

de bugger;

if (err) throw err;

console. log (data);

3);

3. The Debugger keyword stops the execution of - The debugger beyword stops the execution of java script, and calls (if available) the debugging a tribin has the same function as setting a breakpoind in the debugger.

This has the same function as setting a breakpoind in the debugger.

The debugging is available, the debugger debugger to the debugger tribing code will - with the debugger tribing the thirding stop executing before it executs the thirding