**Process Object in Node.js**

One important object that is available us globally is the process object. So it can be accessed from absolutely anywhere, and it contains functionality that allows us to interact with information about the current process instance.

With the process object we can get environment information, read environment variables, communicate with the terminal, and we can exit the current process.

So it gives us a way to work with that current process instance.

So one of the thing that we can do with the process object is collect information from the terminal. So this information is stored in the process.argv array.

*console.log*(*process.*argv);

Output:  
[

'G:\\Node JS\\nodejs\\node.exe',

'F:\\xampp\\htdocs\\websites\\Learning\\NodeJs\\1. NodeJs Essential Training\\Practical\\2. process.js'

]

This will then return process.argv array. As we can see, it’s an array that contains the path to node as well as the path to the file which is by default.

*node ‘2. process.js’ --user --Chandan* --Greeting *‘hello from node’*

If we type this above command into the console to execute the same file containing above console, this would shows us that process.argv array is storing everything about the current environment.

Note:  
--user --Chandan & --Greeting These are called user, Chandan & Greeting flag.

Output:  
[

'G:\\Node JS\\nodejs\\node.exe',

'F:\\xampp\\htdocs\\websites\\Learning\\NodeJs\\1. NodeJs Essential Training\\Practical\\2. process.js',

'--user',

'--Chandan',

'--Greeting',

'hello from node'

]

**Run the following code, if we want to isolate the some flag from process.argv array:**

function *grab*(flag) {

    letindexAfterFlag= *process.argv.indexOf*(flag)+1;

*return* *process.*argv[indexAfterFlag];

}

letgreeting= *grab*("--Greeting");

letuser= *grab*("--user");

*console.log*(greeting);

*console.log*(user);

Input from terminal:-  
node '2. process.js' --user --Chandan --Greeting 'hello from node'

Output:-  
hello from node  
--Chandan

Using this process.argv array, we can build some amazing command line application on node.