Get Input from Command Line in Node.js

Node JS Tutorial in Hindi #13 Get Input from command line or terminal

What is Command Line Input?

Sometimes, we want to pass values **directly while running a file** from the terminal — like a username or a dynamic port number.

Create File: `command-line-input.js`

```
nodemon command-line-input.js anil sidhu
```

This runs the file and passes `"anil"` and `"sidhu"` as input arguments.

How to Get Command Line Input

```
const arg = process.argv;

console.log("-------", arg);
```

```
Output:------- [
  'C:\\Program Files\\nodejs\\node.exe',
  'C:\\Users\\sheet\\OneDrive\\Desktop\\turorial\\node 2025\\command-
line-input.js',
  'anil',
  'sidhu'
]
```

📃 `process.argv` is an array:

Index 0 → Node path

Index 1 → File path

Index 2 onwards → Actual input values

Access Individual Input

```
console.log("-------", arg[3]);
```

Output:

```
------- sidhu
```

Note: Space-separated values are stored as separate elements in the array.

Example Use Case: Dynamic Port

```
const http = require("http");
const arg = process.argv;
const port = arg[2];

http
  .createServer((req, resp) => {
    resp.write("test input from cmd");
    resp.end();
  })
  .listen(port);
```

Run this from Terminal:

```
nodemon command-line-input.js 4100
```

This will start a server on port 4100.

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