

Javascript **console** message types - Part 1



Did you know this?

There are more than 10 console logging messages, each with a different purpose.



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1. console.log()

Used for general purpose logging.

Example:

```
console.log("hello world!")
```

This will print the text hello world

```
C:\xampp\htdocs\upload>node test.js  
hello world
```

2. console.error()

Used to output error messages

Example:

```
console.error("this is error")
```

This will print the given error, but recognized as error message

```
C:\xampp\htdocs\upload>node test.js  
this is error
```

3. console.warn()

Used to display warning messages

Example:

```
console.warn("this is warning")
```

This will print the given error, but recognized as warning message

```
C:\xampp\htdocs\upload>node test.js  
this is warning
```



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4. console.table()

Displays data as a table.

Example:

```
const data = [{name: "John", age: 30}, {name: "Jane", age: 25}]
console.table(data);
```

Output

(index)	name	age
0	'John'	30
1	'Jane'	25

5. console.debug()

It's similar to console.log() but intended for debugging purposes.

Example:

```
console.debug("this is debugging information")
```

6. console.trace()

Outputs a stack trace to the console.

Example:

```
console.trace("this is tracing information")
```

```
C:\xampp\htdocs\upload>node test.js
Trace: this is tracing information
    at Object.<anonymous> (C:\xampp\htdocs\upload\test.js:1:9)
    at Module._compile (node:internal/modules/cjs/loader:1504:14)
    at Module._extensions..js (node:internal/modules/cjs/loader:1588:10)
    at Module.load (node:internal/modules/cjs/loader:1282:32)
    at Module._load (node:internal/modules/cjs/loader:1098:12)
    at TracingChannel.traceSync (node:diagnostics_channel:315:14)
    at wrapModuleLoad (node:internal/modules/cjs/loader:215:24)
    at Function.executeUserEntryPoint [as runMain] (node:internal/modules/run
```

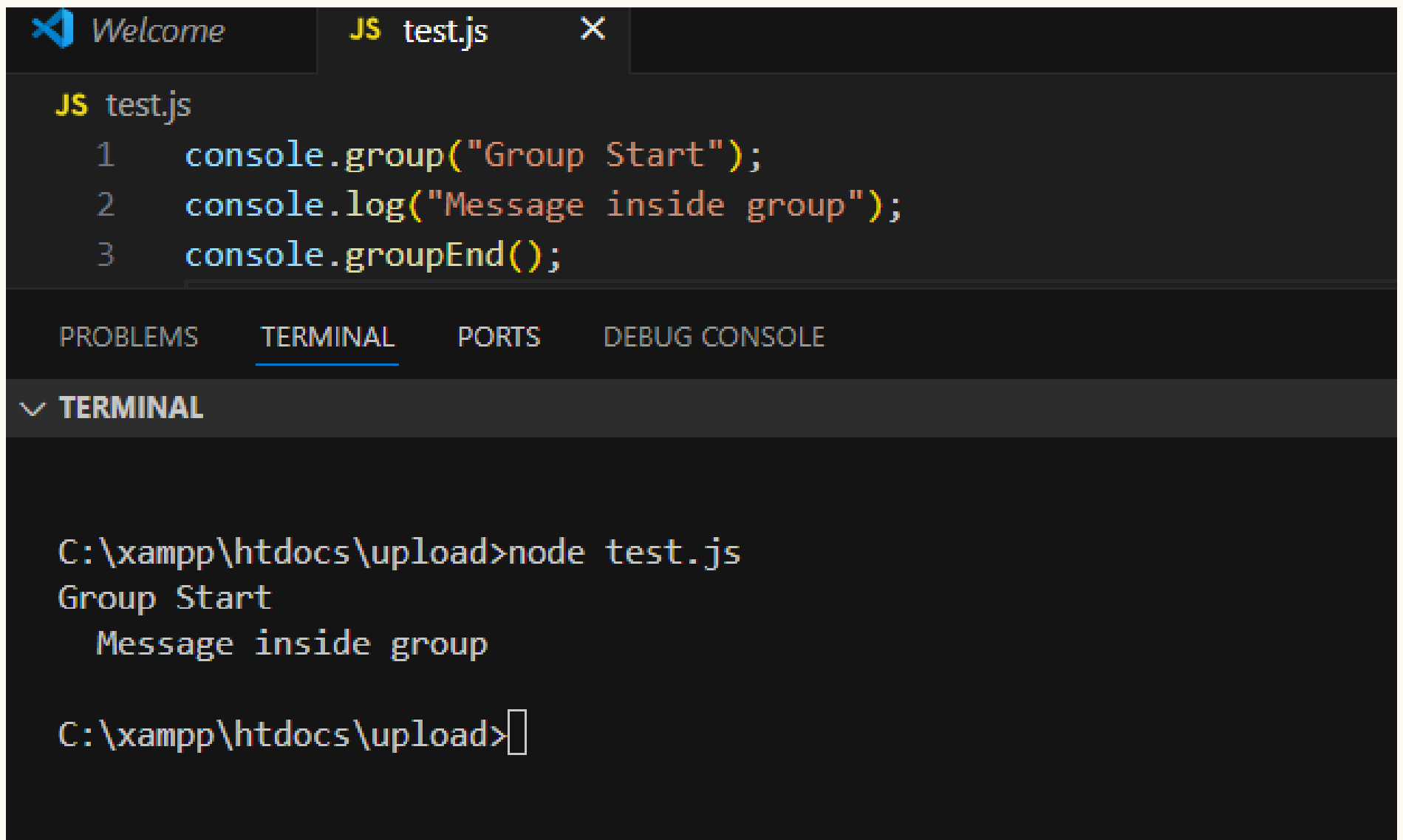


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Used to group console messages together.

Example:

```
console.trace("this is tracing information")
```



The screenshot shows the Visual Studio Code interface. The top bar has a 'Welcome' tab and a 'JS test.js' tab. The editor area displays the following code in test.js:

```
1 console.group("Group Start");  
2 console.log("Message inside group");  
3 console.groupEnd();
```

Below the editor is a panel with tabs for 'PROBLEMS', 'TERMINAL', 'PORTS', and 'DEBUG CONSOLE'. The 'TERMINAL' tab is selected, showing the output of running the code:

```
C:\xampp\htdocs\upload>node test.js  
Group Start  
  Message inside group  
  
C:\xampp\htdocs\upload>
```

End of part one



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