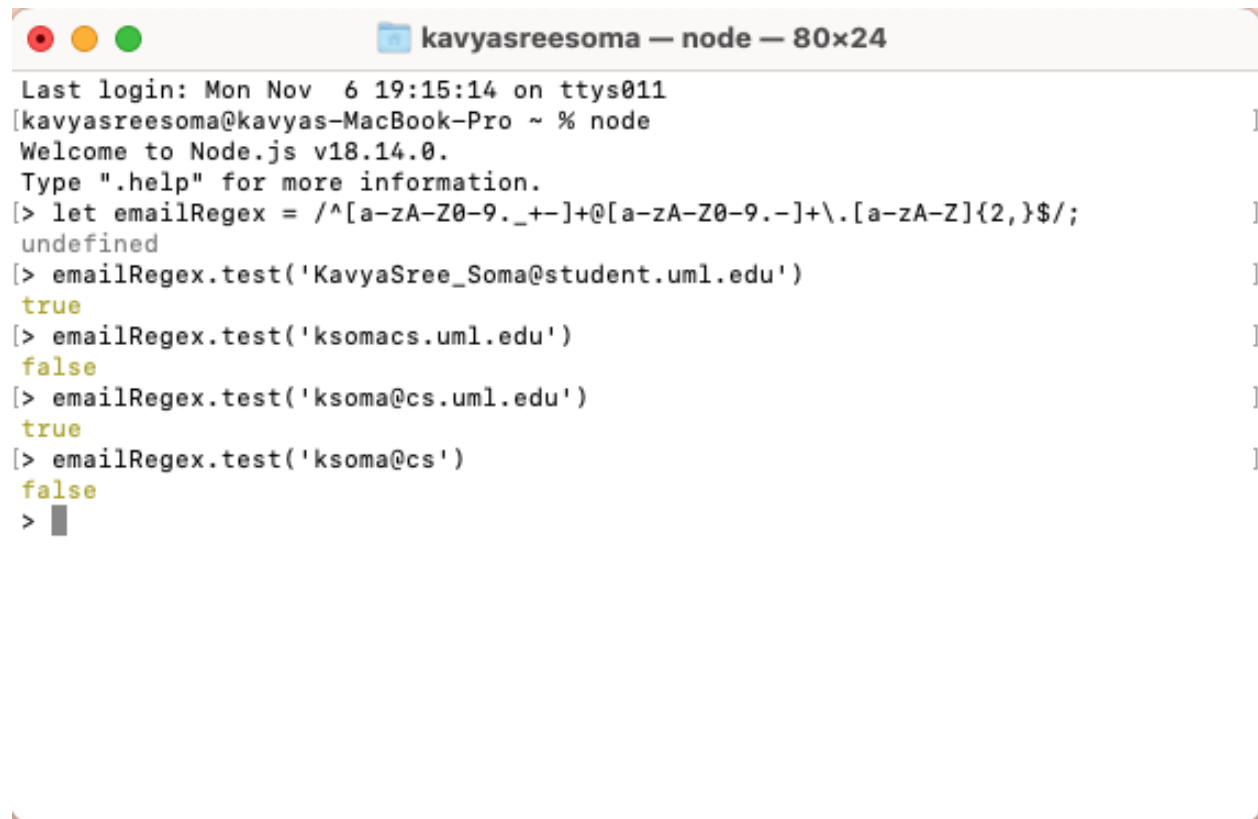


comp5130f2023 -- 2023-11-06 lab submission
Kavya Sree Soma

Validating the well-formed email addresses using Regular expression

let **emailRegex** = /^[a-zA-Z0-9._+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}\$/;



```
kavyasreesoma — node — 80x24
Last login: Mon Nov  6 19:15:14 on ttys011
[kavyasreesoma@kavyas-MacBook-Pro ~ % node
Welcome to Node.js v18.14.0.
Type ".help" for more information.
[> let emailRegex = /^[a-zA-Z0-9._+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/;
undefined
[> emailRegex.test('KavyaSree_Soma@student.uml.edu')
true
[> emailRegex.test('ksomacs.uml.edu')
false
[> emailRegex.test('ksoma@cs.uml.edu')
true
[> emailRegex.test('ksoma@cs')
false
> █
```

Validating the well-formed phone number using Regular expression

Let phoneRegex = /^(\\(\\d{3}\\)|\\d{3})[-.]?\\d{3}[-.]?\\d{4}\$/;

```
kavyasreesoma — node — 80x24
[kavyasreesoma@kavyas-MacBook-Pro ~ % node
Welcome to Node.js v18.14.0.
Type ".help" for more information.
> let phoneRegex = /^(\d{3})|\d{3})[-. ]?\d{3}[-. ]?\d{4}$/;
undefined
> phoneRegex.test('9253680309')
true
> phoneRegex.test('925 368 0309')
true
> phoneRegex.test('925-368-0309')
true
> phoneRegex.test('925-368-030449')
false
> phoneRegex.test('925/368/0309')
false
> phoneRegex.test('925/368/030kj9')
false
> phoneRegex.test('9253680302339')
false
> █
```

Validating the well-formed web URL using Regular expression

let webpageRegex = /^(https?:\V/)?([A-Za-z0-9-]+\V)+[A-Za-z]{2,6}([A-Za-z0-9/?=&%#-_.]*)?\$/;

```
kavyasreesoma — node — 103x24
kavyasreesoma@kavyas-MacBook-Pro ~ % node
Welcome to Node.js v18.14.0.
Type ".help" for more information.
> let webpageRegex = /^(https?:\V/)?([A-Za-z0-9-]+\V)+[A-Za-z]{2,6}([A-Za-z0-9/?=&%#-_.]*)?$/;
undefined
> webpageRegex.test('https://www.gmail.com')
true
> webpageRegex.test('https://.gmail')
false
> webpageRegex.test('cs.uml.edu')
true
> webpageRegex.test('k@gmail.com')
false
> webpageRegex.test('testingWebURL')
false
> webpageRegex.test('www.google.com')
true
> █
```