Regex:

```
// Regex
const phoneNumberRegex = /^(\+\d{1,3})?(\(\d{1,4}\)|\d{1,4})[-\s]?\d{1,4}[-\s]?\d{10}$/;


const emailRegex = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
const urlRegex = /^(https?:\/\/)?(www\.)?[a-zA-Z0-9.-]+(\.[a-zA-Z]{2,6})(\/[\w.-]*)*$/;
```

Valid Email, Telephone , URL

```
1    const email = 'tj@student.uml.edu';
2    const phone = '+1(438)-033-1222';
3    const url = 'https://www.google.com/123';
4
5    // Regex
6    const phoneNumberRegex = /^(\+\d{1,3})?(\(\d{1,4}\)|\d{1,4})[-\s]?\d{1,4}[-\s]?\d{1,10}$/;
7
8    const emailRegex = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
9    const urlRegex = /^(https?:\/\/)?(www\.)?[a-zA-Z0-9.-]+(\.[a-zA-Z]{2,6})(\/[\w.-]*)*$/;
10
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@student.uml.edu true
+1(438)-033-1222 true
https://www.google.com/123 true
```

Invalid Email : Missing @

```
1    const email = 'tjstudent.uml.edu';
2    const phone = '+1(438)-033-1222';
3    const url = 'https://www.google.com/123';
4
5    // Regex
6    const phoneNumberRegex = /^(\+\d{1,3})?(\(\d{1,4}\)|\d{1,4})[-\s]?\d{1,4}[-\s]?\d{1,10}$/;
7
8    const emailRegex = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
9    const urlRegex = /^(https?:\/\/)?(www\.)?[a-zA-Z0-9.-]+(\.[a-zA-Z]{2,6})(\/[\w.-]*)*$/;
10
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tjstudent.uml.edu false
+1(438)-033-1222 true
https://www.google.com/123 true
```

Invalid Email : Missing .

```
  1    const email = 'tj@dsedu';
  2    const phone = '+1(438)-033-1222';
  3    const url = 'https://www.google.com/123';
  4
  5    // Regex
  6    const phoneNumberRegex = /^(\+\d{1,3})?(\(\d{1,4}\)|\d{1,4})[-\s]?\d{1,4}[-\s]?\d{1,10}$/;
  7
  8    const emailRegex = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
  9    const urlRegex = /^(https?:\/\/)?(www\.)?[a-zA-Z0-9.-]+(\.[a-zA-Z]{2,6})(\/[\w.-]*)*$/;
 10
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ nodemon index.js
[nodemon] 2.0.22
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node index.js`
tj@dsedu false
+1(438)-033-1222 true
https://www.google.com/123 true
[nodemon] clean exit - waiting for changes before restart
```

Valid Phone:

```
  1    const email = 'tj@dsedu';
  2    const phone = '(438)-033-1222';
  3    const url = 'https://www.google.com/123';
  4
  5    // Regex
  6    const phoneNumberRegex = /^(\+\d{1,3})?(\(\d{1,4}\)|\d{1,4})[-\s]?\d{1,4}[-\s]?\d{1,10}$/;
  7
  8    const emailRegex = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
  9    const urlRegex = /^(https?:\/\/)?(www\.)?[a-zA-Z0-9.-]+(\.[a-zA-Z]{2,6})(\/[\w.-]*)*$/;
 10
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
(438)-033-1222 true
https://www.google.com/123 true
```

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
438-033-1222 true
https://www.google.com/123 true

jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
438-033-1222 true
https://www.google.com/123 true

jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
438 033 1222 true
https://www.google.com/123 true

jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
4380331222 true
https://www.google.com/123 true
```

Invalid Phone:

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
43803122 false
https://www.google.com/123 true
```

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
4380312##2 false
https://www.google.com/123 true
```

Valid URL:

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
4380312##2 false
http://www.google.com/123 true

jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
4380312##2 false
www.google.com/123 true

jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
4380312##2 false
www.google.com true
```

Invalid URL:

```
jkvas@DESKTOP-5R7PS6F MINGW64 /d/TJ/UMASS_LOWELL/IWS/HW3/Thiagarajan-Jeyashri_hw3_secondPhaseOfApp
$ node index.js
tj@dsedu false
4380312##2 false
www.googlecom false
```