

# INTRODUCTION TO ESLINT

# ESLINT

- **Finds Problems:**

- ESLint statically analyzes your code to quickly find problems. ESLint is built into most text editors and you can run ESLint as part of your continuous integration pipeline.

- **Fix Automatically:**

- Many problems ESLint finds can be automatically fixed. ESLint fixes are syntax-aware so you won't experience errors introduced by traditional find-and-replace algorithms.

- **Customize:**

- Preprocess code, use custom parsers, and write your own rules that work alongside ESLint's built-in rules. You can customize ESLint to work exactly the way you need it for your project.

# INSTALLING ESLINT

- Install eslint globally or within your project:

```
$ npm install eslint
```

- Create eslint config file and give suitable responses to prompts:

```
$ eslint --init
```

- Execute `npx eslint <file_name>` to find the issues in a file.
- Optional: You can also install eslint extension to your VSCode
- Turn on/off rules as required in `.eslintrc` file referring the eslint rules:

<https://eslint.org/docs/rules/>

# SETTING UP AIRBNB LINTER

- Execute the command:

```
npx install-peerdeps --dev eslint-config-airbnb
```

- Include "airbnb" to "extends" attribute in your .eslintrc file
- Turn on/off the rules as required in the .eslintrc file

# REFERENCE

- <https://eslint.org/>
- <https://github.com/airbnb/javascript/>
- <https://hackernoon.com/a-simple-linter-setup-finally-d908877fa09>