

Formal languages and Automata theory term project report

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- **Project name:**

Regular Expression.

- **Project topic:**

Create simple page to explain the basic concepts of the Regular Expression so it can be helpful for the new students.

- **Summary:**

The Project starts with explaining the basic terms and concepts (What is RegEx?) (Why RegEx?). Then simply shows the rules of writing RegEx (Pattern Rules) and its Javascript methods (RegEx Methods). Finally, it gives you the chance to try the things you learned (RegEx Tester) and to continue learning by go to another helpful sites (References). The code has written by Javascript and as CSS framework Bootstrap is used.

- **Why Regular Expression:**

Regular expressions are extremely useful in extracting information from text such as code, log files, spreadsheets, or even documents. And while there is a lot of theory behind formal languages, the following lessons and examples will explore the more practical uses of regular expressions so that you can use them as quickly as possible.

- **References:**

[-mozilla.org](https://developer.mozilla.org)

<http://play.inginf.units.it/#/sheet>

[w3schools.com](https://www.w3schools.com)