Project Proposal

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The idea 💡

We will try to create scanner for part of HTML language.
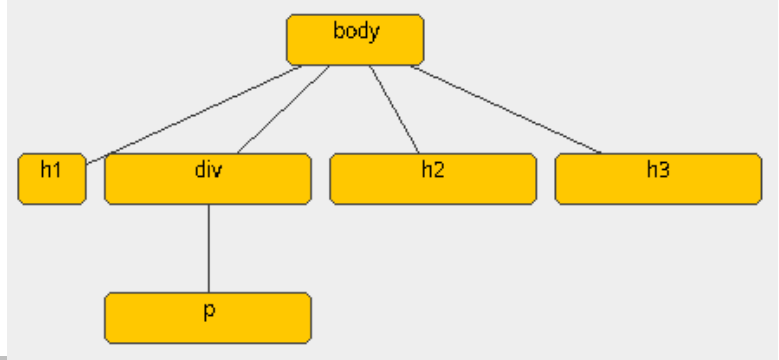
Description for the language.

HTML stands for Hyper Text Markup Language. It is the standard markup language for web pages.

With it you can create your own website. It is easy to learn.

Samples for accepted strings	Samples for rejected strings

`<!-- .*? -->`   `<p>`we can write any text in this section `</p>`   `<header>`
   `<h1>`A heading here`</h1>`
   `<p>`first line in paragraph`</p>`
   `<p>`another line `</p>`
   `</header>`   `<head>`
   `<title>`Title of the document`</title>`
   `</head>`
	`<--! .*? -->` `</p>`we can write any text in this section `<p/>` `</header>`
	   `<1h>`A heading here`<1>`
	   `</p>`first line in paragraph`</h2>`
	   `</p>`another line `</p>`
	   `<header/>`

Prototype for the interface

- **For an input text:**
```
<body>
   <h1>Heading 1</h1>
   <div>
      <p>Paragraph 1</p>
   </div>
   </h2>Header 2</h2>
   </h2>Header 3 </h2>
</body>
```


Names of students

- Youssef Wadie Karam
- Mahmoud Waheed Mohamed

Signature of the first student   Signature of the second student