<https://replit.com/@MouhariMouhamed/RewardingProperHashfunction#main.rb>

* In Git every time you want to save a series of changes as a version you perform a **commit** on that version.
* **Pull request** is allowing someone to make suggestions for your code base.
  + In a Pull Request – user would suggest changes, and owner can review.

The Role of HTML

* HTML- Hyper Text Markup Language
* HTML is language used to describe **documents**
* **Documents** that use HTML are transferred over the Internet known as **web** pages
* A web page document is made up of HTML elements (**header**, **tittle**, **paragraphs**)
  + These HTML elements are used to describe the document purpose or grouping
* HTML main purpose is for document organization

Tags

* <tagName>
* Tags are the instructions of the markup language.
  + They **describe** **the** **purpose** of the content (‘*this is paragraph’* )
  + Or they relay how a particular content should appear (*‘this content* ***bold’***, this content *italic*)

Markup Language vs. Programming language

* Markup languages describe data or control is rendering or presentation.
* Programming language contains code that tells a computer to transform data or perform certain logical or computational tasks.

Sitemaps & Wireframes

* Two common tools used to specify web pages are **sitemaps** and **wireframes**

Sitemaps

* A diagram that has all the pages for a site and shows how each page relates to the others
* **Sitemap** is used as a top-down planning

Wireframes

* A Blueprint of a page on your site –
  + Shows an arrangement of all the components (navigation, forms, charts, buttons, images)

ELEMENTS, STRUCTURES & ATTRIBITES

* An HTML document is a collection of nested HTML elements that describe the content of a page to be displayed.

Attributes

<div id=”ContentArea” style=”color: red;”> </div>

* An attribute is additional information that give an element [definition, context, or identity]
* Attribute is treated like a dictionary – Key Value pair.
  + Name of the attribute and “value of the attribute”

Block Elements