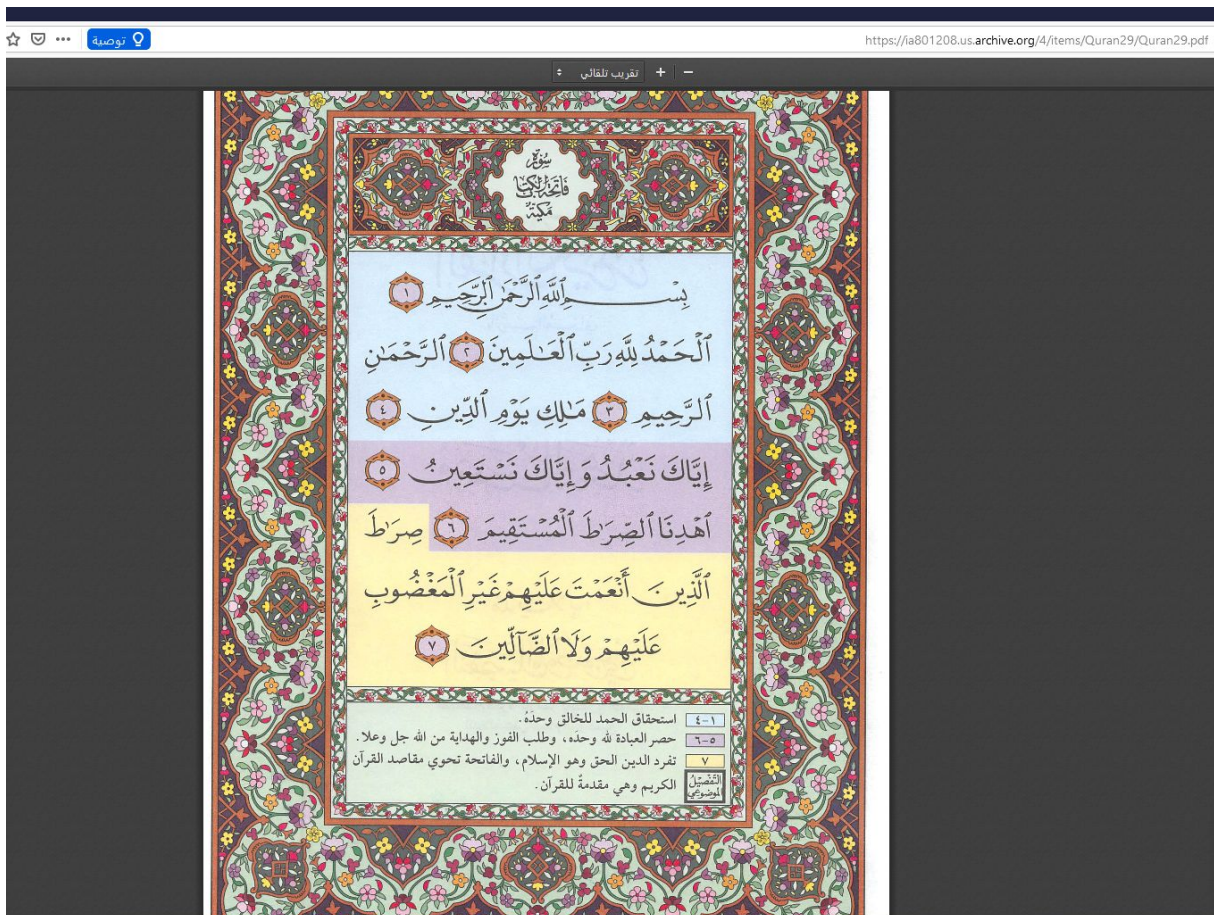


# Mushaf Altahjud Ionic 1 Project

## My Experiment as Beginner

□ Convert [Mushaf Altahjud online](https://ia801208.us.archive.org/4/items/Quran29/Quran29.pdf) to **Interactive Website** with ionic 1



Mushaf Al Tahajjud

Open [Video Demo](#)

***Interactive Website With Ionic 1***

- After you watched the video, I am sure you wondered how converting made, Tools used, Resources helped me:

### ❖ **What will you learn?**

HTML, CSS, JS, git, GitHub, ionic1 framework and more.

### ❖ **Tools you need to Install:**

1. Node Package Manager(NPM)>><https://nodejs.org/en/>
2. Git >> <https://git-scm.com/download/win>
3. Firefox>> <https://www.mozilla.org/ar/firefox/download/thanks/>
4. Notepad++>> <https://notepad-plus-plus.org/> or  
VSCode>> <https://code.visualstudio.com/download>
5. Ionic1>><https://ionicframework.com/docs/v1/guide/installation.html>

### ❖ **Resources will help you:**

1. GitHub Project URL >> <https://github.com/enghamzasalem/Qra-anAltahjjod>
2. Mushaf Altahjod online>>  
<https://ia801208.us.archive.org/4/items/Quran29/Quran29.pdf>
3. Quran For copy Text>><https://equran.me/browse.html>
4. color pic>><https://addons.mozilla.org/ar/firefox/addon/colorzilla/>
5. Trello Account [Task Management]>> <https://www.trello.com/>

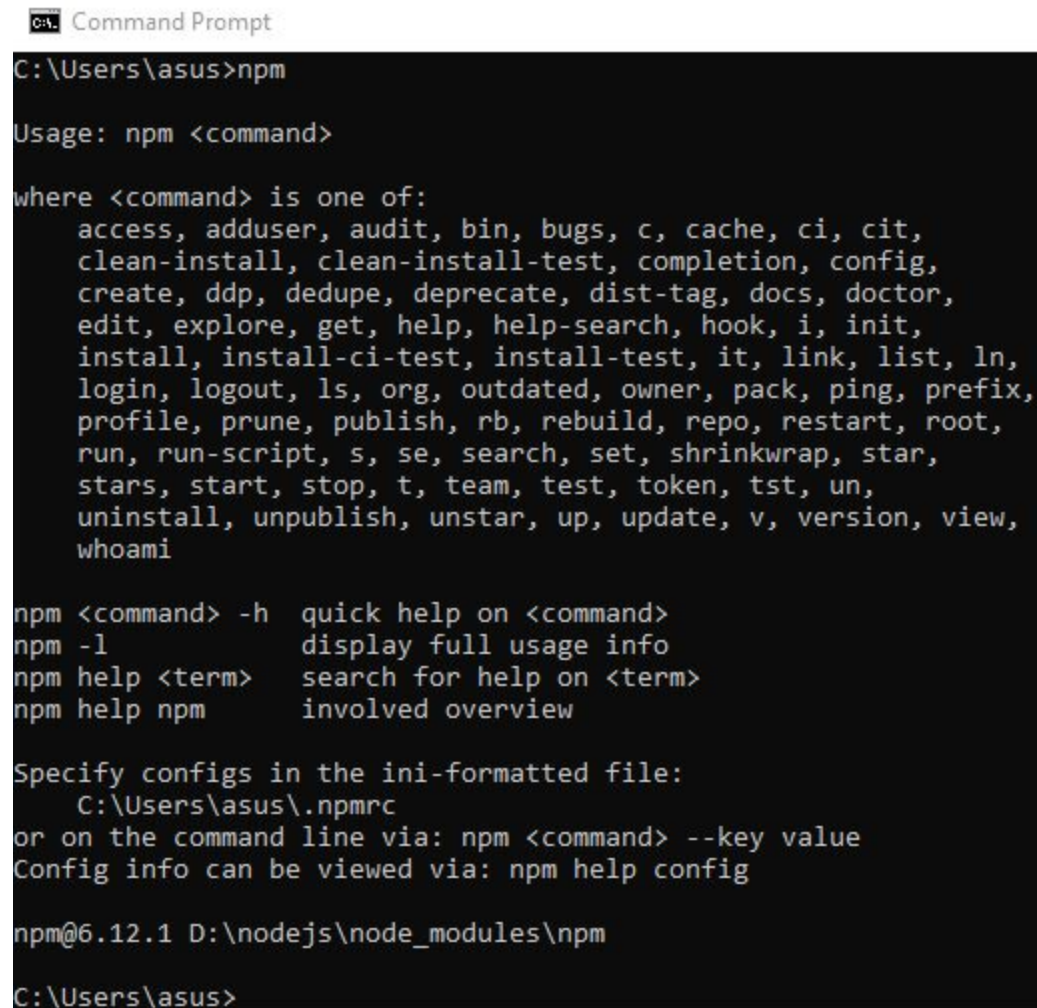
### ❖ **Git Commands Required to use:**

1. `git clone [project url.git]`
2. `git branch`
3. `git checkout -b [name of your new branch]`
4. `git add .`
5. `git commit -m "adding a change from the feature branch"`
6. `git push origin <feature branch>`

□ Begin Your Journey with Mushaf Al Tahajud Project:

### ◆ To verify install tools:

**-NPM:** from start write **cmd > npm**



```
Command Prompt
C:\Users\asus>npm

Usage: npm <command>

where <command> is one of:
  access, adduser, audit, bin, bugs, c, cache, ci, cit,
  clean-install, clean-install-test, completion, config,
  create, ddp, dedupe, deprecate, dist-tag, docs, doctor,
  edit, explore, get, help, help-search, hook, i, init,
  install, install-ci-test, install-test, it, link, list, ln,
  login, logout, ls, org, outdated, owner, pack, ping, prefix,
  profile, prune, publish, rb, rebuild, repo, restart, root,
  run, run-script, s, se, search, set, shrinkwrap, star,
  stars, start, stop, t, team, test, token, tst, un,
  uninstall, unpublish, unstar, up, update, v, version, view,
  whoami

npm <command> -h  quick help on <command>
npm -l           display full usage info
npm help <term>  search for help on <term>
npm help npm     involved overview

Specify configs in the ini-formatted file:
  C:\Users\asus\.npmrc
or on the command line via: npm <command> --key value
Config info can be viewed via: npm help config

npm@6.12.1 D:\nodejs\node_modules\npm
C:\Users\asus>
```



## -Git: cmd>git

```
C:\Users\asus>git
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
        [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
        [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
        [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
        <command> [<args>]

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)
    clone      Clone a repository into a new directory
    init       Create an empty Git repository or reinitialize an existing one

work on the current change (see also: git help everyday)
    add        Add file contents to the index
    mv         Move or rename a file, a directory, or a symlink
    restore    Restore working tree files
    rm         Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)
    bisect     Use binary search to find the commit that introduced a bug
    diff       Show changes between commits, commit and working tree, etc
    grep       Print lines matching a pattern
    log        Show commit logs
    show       Show various types of objects
    status     Show the working tree status

grow, mark and tweak your common history
    branch     List, create, or delete branches
    commit     Record changes to the repository
    merge      Join two or more development histories together
    rebase     Reapply commits on top of another base tip
    reset      Reset current HEAD to the specified state
    switch     Switch branches
    tag        Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)
    fetch      Download objects and refs from another repository
    pull       Fetch from and integrate with another repository or a local branch
    push       Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some
concept guides. See 'git help <command>' or 'git help <concept>'
to read about a specific subcommand or concept.
See 'git help git' for an overview of the system.
```

## -Ionic: cmd>ionic

```
C:\Users\asus>ionic

Ionic
CLI 5.4.10

Usage:
  $ ionic <command> [<args>] [--help] [--verbose] [--quiet] [--no-interactive] [--no-color] [--confirm] [options]

Global Commands:

completion ..... (experimental) Enables tab-completion for Ionic CLI commands.
config <subcommand> ..... Manage CLI and project config values (subcommands: get, set, unset)
docs ..... Open the Ionic documentation website
info ..... Print project, system, and environment information
init ..... (beta) Initialize existing projects with Ionic
login ..... Log in to Ionic
logout ..... Log out of Ionic
signup ..... Create an Ionic account
ssh <subcommand> ..... Commands for configuring SSH keys (subcommands: add, delete, generate, list,
                        setup, use)
start ..... Create a new project
```

## ❖ Clone(Copy) The Project from GitHub Using Git Tool:

-Open cmd > d: [to choose project path] > mkdir mushaf [to create mushaf Folder] > cd mushaf [change directory to mushaf folder]

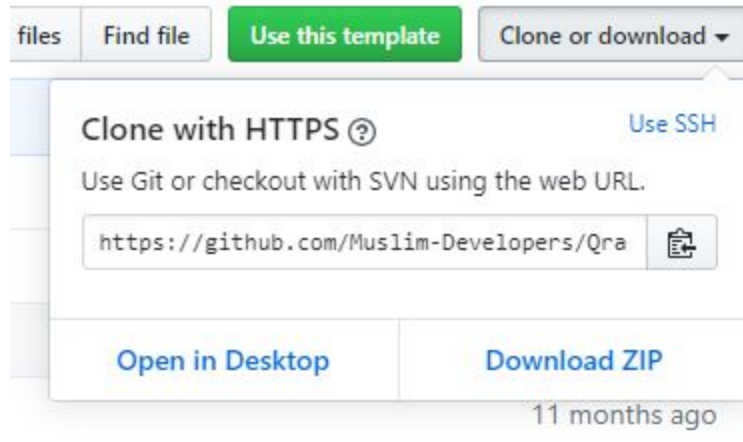
```
C:\Users\asus>d:

D:\>mkdir mushaf

D:\>cd mushaf

D:\mushaf>
```

-Click On <https://github.com/enghamzasalem/Qra-anAltahjjod> ,and Create Account On GitHub If You Don't Have, copy link

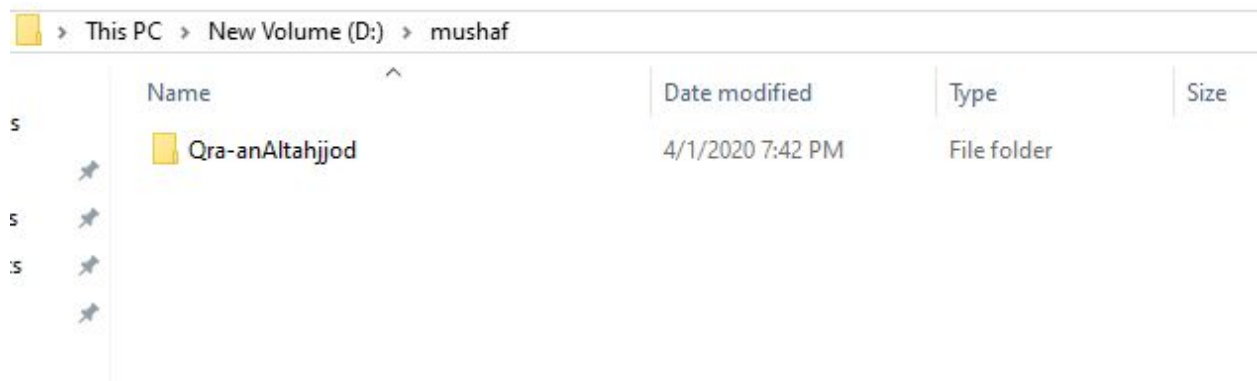


- Paste The Link In cmd using git Command:

**git clone** <https://github.com/Muslim-Developers/Qra-anAltahjjod.git>

```
D:\mushaf>git clone https://github.com/Muslim-Developers/Qra-anAltahjjod.git
Cloning into 'Qra-anAltahjjod'...
remote: Enumerating objects: 443, done.
remote: Counting objects: 100% (443/443), done.
remote: Compressing objects: 100% (332/332), done.
remote: Total 443 (delta 174), reused 332 (delta 97), pack-reused 0
Receiving objects: 100% (443/443), 4.72 MiB | 463.00 KiB/s
Receiving objects: 100% (443/443), 4.80 MiB | 289.00 KiB/s, done.
Resolving deltas: 100% (174/174), done.
D:\mushaf>
```

-The Project will be installed in d directory in mushaf folder exactly



-Run the project: **cmd > d: > cd mushaf > cd qra-analtahjjod > ionic serve**

```
D:\mushaf\Qra-anAltahjjod>ionic serve
> ionic-v1.cmd serve --host=localhost --port=8100 --livereload-port=35729 --dev-port=53703 --engine=browser
[v1] [20:36:05] Cannot load gulp: ReferenceError: primordials is not defined
[v1] [20:36:05] Serving directory www

[INFO] Development server running!

      Local: http://localhost:8100

      Use Ctrl+C to quit this process

[INFO] Browser window opened to http://localhost:8100!
```

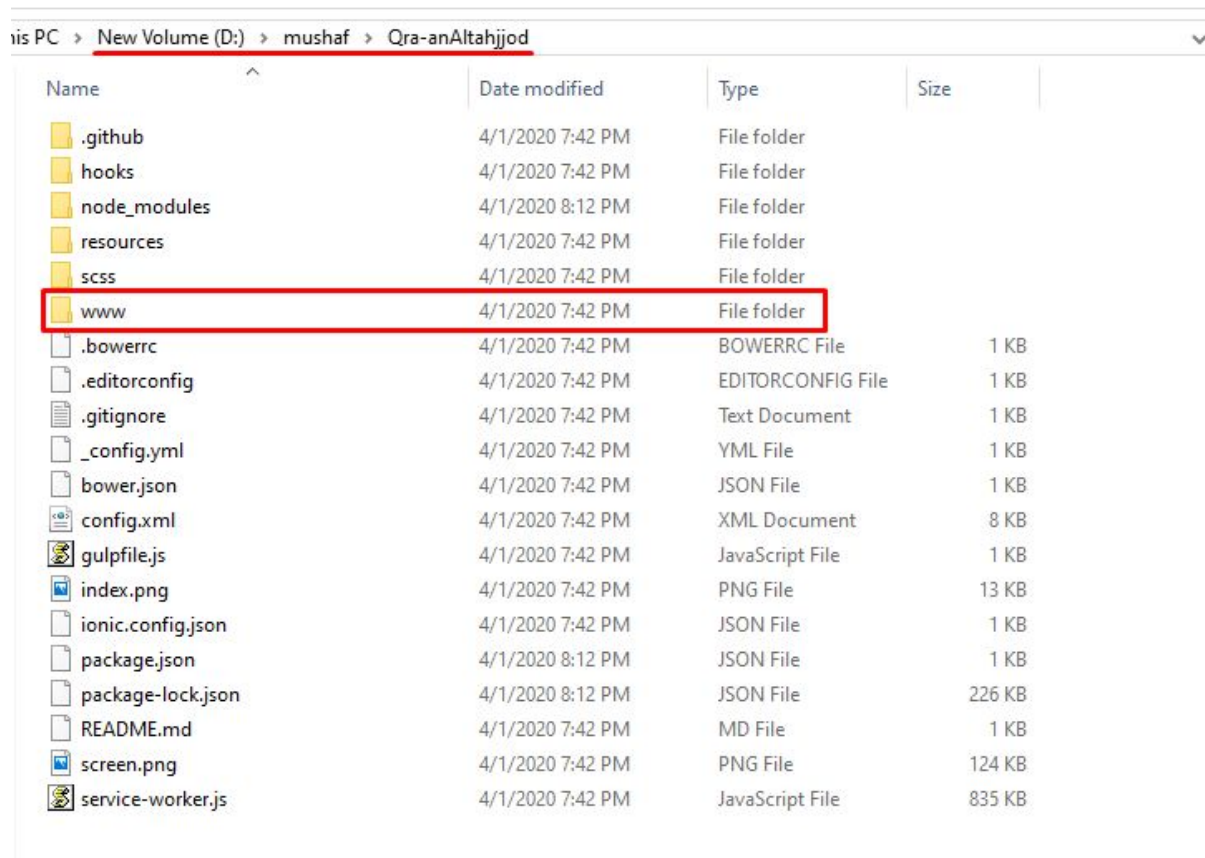
-The project will appear like this:

☰	الفهرس
	سورة البقرة
	سورة ال عمران
	سورة النساء
	سورة المائدة
	سورة الأنعام
	سورة الاسراء
	سورة الكهف
	سورة مريم
	سوره طه
	سوره الأنبياء

-Before adding any soura, you must get the latest version of the project  
**cmd > git pull origin master**

```
D:\mushaf\Qra-anAltahjjod>git pull origin master
From https://github.com/Muslim-Developers/Qra-anAltahjjod
* branch      master      -> FETCH_HEAD
Already up to date.
```

- You can access to project files on your local PC, main application will be in **www** folder:



File Explorer window showing the contents of the 'Qra-anAltahjjod' directory. The 'www' folder is highlighted with a red rectangle.

Name	Date modified	Type	Size
.github	4/1/2020 7:42 PM	File folder	
hooks	4/1/2020 7:42 PM	File folder	
node_modules	4/1/2020 8:12 PM	File folder	
resources	4/1/2020 7:42 PM	File folder	
scss	4/1/2020 7:42 PM	File folder	
<b>www</b>	4/1/2020 7:42 PM	File folder	
.bowerrc	4/1/2020 7:42 PM	BOWERRC File	1 KB
.editorconfig	4/1/2020 7:42 PM	EDITORCONFIG File	1 KB
.gitignore	4/1/2020 7:42 PM	Text Document	1 KB
_config.yml	4/1/2020 7:42 PM	YML File	1 KB
bower.json	4/1/2020 7:42 PM	JSON File	1 KB
config.xml	4/1/2020 7:42 PM	XML Document	8 KB
gulpfile.js	4/1/2020 7:42 PM	JavaScript File	1 KB
index.png	4/1/2020 7:42 PM	PNG File	13 KB
ionic.config.json	4/1/2020 7:42 PM	JSON File	1 KB
package.json	4/1/2020 8:12 PM	JSON File	1 KB
package-lock.json	4/1/2020 8:12 PM	JSON File	226 KB
README.md	4/1/2020 7:42 PM	MD File	1 KB
screen.png	4/1/2020 7:42 PM	PNG File	124 KB
service-worker.js	4/1/2020 7:42 PM	JavaScript File	835 KB



-All Quran sour exist in **template** folder, and you can add new soura in this folder :

PC > New Volume (D:) > mushaf > Qra-anAltahjjod > www > templates

Name	Date modified	Type	Size
2.html	4/1/2020 7:42 PM	Chrome HTML Do...	117 KB
3.html	4/1/2020 7:42 PM	Chrome HTML Do...	56 KB
4.html	4/1/2020 7:42 PM	Chrome HTML Do...	63 KB
5.html	4/1/2020 7:42 PM	Chrome HTML Do...	53 KB
6.html	4/1/2020 7:42 PM	Chrome HTML Do...	36 KB
17.html	4/1/2020 7:42 PM	Chrome HTML Do...	11 KB
18.html	4/1/2020 7:42 PM	Chrome HTML Do...	2 KB
19.html	4/1/2020 7:42 PM	Chrome HTML Do...	13 KB
20.html	4/1/2020 7:42 PM	Chrome HTML Do...	1 KB
menu.html	4/1/2020 7:42 PM	Chrome HTML Do...	1 KB
modal.html	4/1/2020 7:42 PM	Chrome HTML Do...	1 KB
playlist.html	4/1/2020 7:42 PM	Chrome HTML Do...	2 KB
playlists.html	4/1/2020 7:42 PM	Chrome HTML Do...	1 KB

-Any ionic project contains two main files **app.js(Map of project)** & **controller.js**, and you can access to them during this path **mushaf>Qra-anAltahjjod >www>js:**

PC > New Volume (D:) > mushaf > Qra-anAltahjjod > www > js

Name	Date modified	Type	Size
app.js	4/1/2020 7:42 PM	JavaScript File	4 KB
controllers.js	4/1/2020 7:42 PM	JavaScript File	34 KB
index.js	4/1/2020 7:42 PM	JavaScript File	1 KB

□ Adding Soura:

-The name of each soura depends on its order in Quran for example:

**Al-Nisa Surah (4) → 4.html [the number shows its order in Quran]**

❖ **To add Surah Al-Nisa' in your project for instance, you have to follow these steps:**

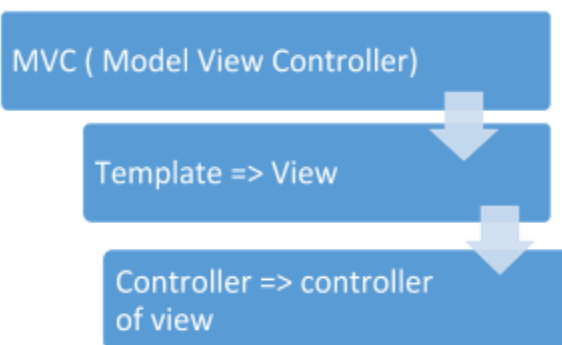
1. Go to **www>template**, create html document and named **4.html**

is PC > New Volume (D:) > mushaf > Qra-anAltahjod > www > templates

Name	Date modified	Type	Size
2.html	4/2/2020 7:30 PM	Chrome HTML Do...	117 KB
3.html	4/2/2020 7:30 PM	Chrome HTML Do...	56 KB
4.html	4/2/2020 7:30 PM	Chrome HTML Do...	63 KB
5.html	4/2/2020 7:30 PM	Chrome HTML Do...	53 KB
6.html	4/2/2020 7:30 PM	Chrome HTML Do...	36 KB
17.html	4/2/2020 7:30 PM	Chrome HTML Do...	11 KB
18.html	4/2/2020 7:30 PM	Chrome HTML Do...	2 KB
19.html	4/2/2020 7:30 PM	Chrome HTML Do...	13 KB
20.html	4/2/2020 7:30 PM	Chrome HTML Do...	1 KB
menu.html	4/2/2020 7:30 PM	Chrome HTML Do...	1 KB
modal.html	4/2/2020 7:30 PM	Chrome HTML Do...	1 KB
playlist.html	4/2/2020 7:30 PM	Chrome HTML Do...	2 KB
playlists.html	4/2/2020 7:30 PM	Chrome HTML Do...	1 KB

2. Go to **www>js>app.js** (adding state for each surah depends on its order), write the following code:

```
.state("app.4", {  
  url: "/4",  
  views: {  
    menuContent: {  
      templateUrl: "templates/4.html",  
      controller: "The4Ctrl"  
    }  
  }  
})
```



3. Go to **www>js>controller.js** (each surah has title and id [number of surah], add them to controller):

```
.controller("PlaylistsCtrl", function($scope) {
  $scope.playlists = [
    { title: "سورة البقرة", id: 2 },
    { title: "سورة آل عمران", id: 3 },
    { title: "سورة النساء", id: 4 },
    { title: "سورة الاسراء", id: 17 },
    { title: "سورة الكهف", id: 18 },
    { title: "سورة مريم", id: 19 },
    { title: "سورة طه", id: 20 }
  ];
})
```

4. Go to **www>templates>4.html** , add soura container (you can use this website <https://equran.me/browse.html> to copy and paste ayat) , I have to mention that every ayah has three attributes:

```
1 2 3
<b style="background-color: #d1c3d7;" id="d1c3d7" ng-click="d1c3d7()">
  يَا أَيُّهَا النَّاسُ اتَّقُوا رَبَّكُمُ الَّذِي خَلَقَكُمْ مِنْ نَفْسٍ وَاحِدَةٍ وَخَلَقَ مِنْهَا زَوْجَهَا
  وَبَثَّ مِنْهُمَا رِجَالًا كَثِيرًا وَنِسَاءً ۚ وَاتَّقُوا اللَّهَ الَّذِي تَسَاءَلُونَ بِهِ وَالْأَرْحَامَ
  إِنَّ اللَّهَ كَانَ عَلَيْكُمْ رَقِيبًا ۝١
</b>
```

**\*background-color, id, ng-click:**

-To color every ayah,you have to open this link on Firefox browser

<https://ia801208.us.archive.org/4/items/Quran29/Quran29.pdf>

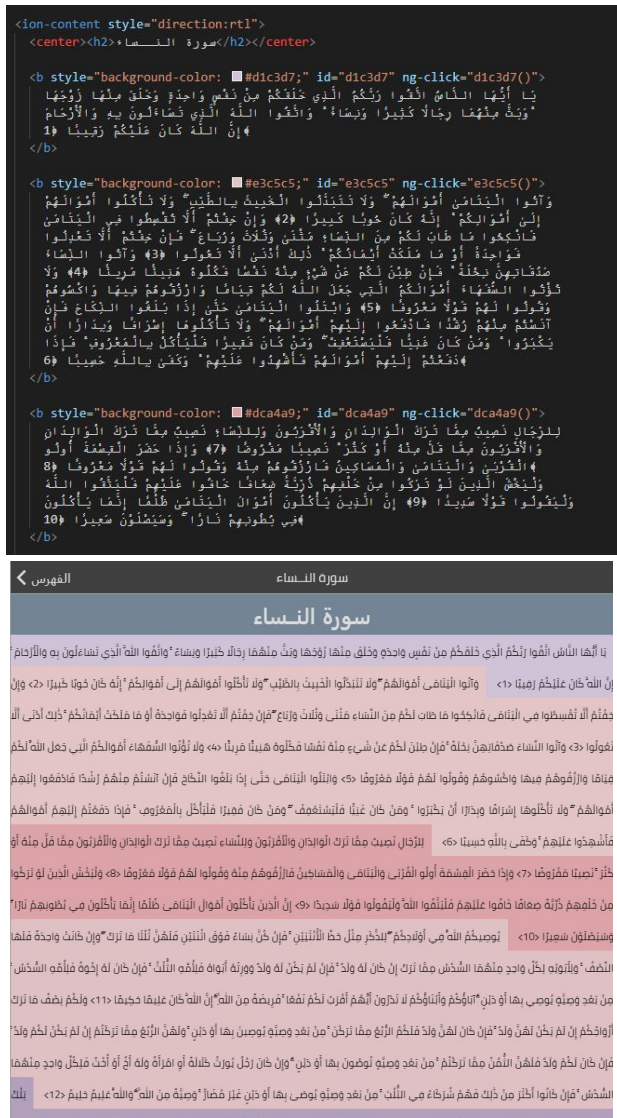
press F12 and then choose color pic tool:



-**id** related with **background-color**

-**ng-click** is a function for every ayah

5. After you adding a whole surah, it's appear like this:

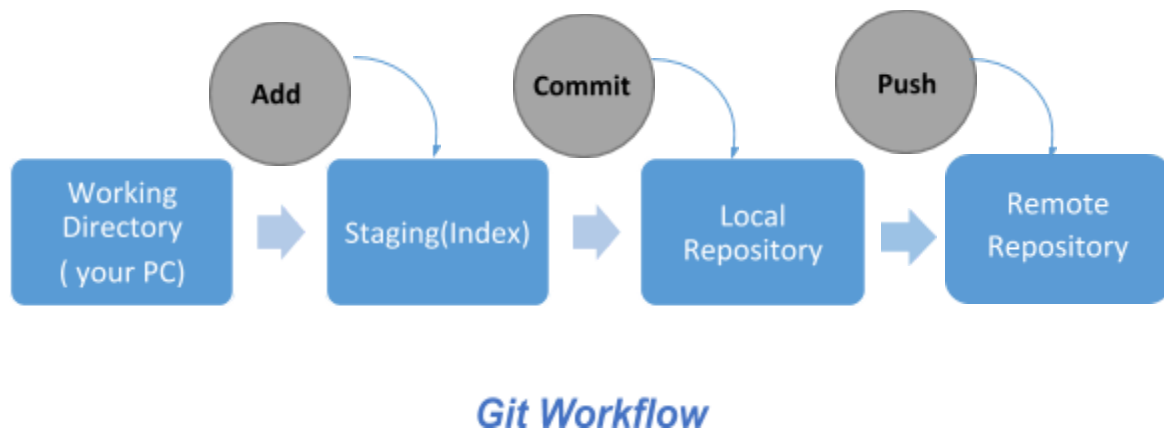


□ Git Using:

-Git is a version control system designed to manage any project with your team, each member can create branch to upload project's folder on



GitHub, any change on the branch doesn't effect on master /origin branch



❖ **Below is the basic Git workflow:**

1. Modify files in the working directory.
2. Stage the changes you want to be included in the next commit.
3. Commit changes. Committing will take the files from the index and store them as a snapshot in the repository.
4. Push The changes to remote repository.

❖ **Create branch, add, commit and push changes to remote repo.:**

-List all of the branches in your repository: **git branch**

```
D:\mushaf\Qra-anAltahjjod>git branch
* master
```

-Create a new branch called Juza4/5: **git checkout -b Juza4/5**

```
D:\mushaf\Qra-anAltahjjod>git checkout -b Juza4/5
Switched to a new branch 'Juza4/5'

D:\mushaf\Qra-anAltahjjod>git branch
* Juza4/5
  master
```

-Staging changes in project's file for the next commit:

```
D:\mushaf\Qra-anAltahjjod>git add .
```

-Commit changes with a passed commit message:

```
D:\mushaf\Qra-anAltahjjod>git commit -m "add surat alnesa"
```

-Push Changes to Remote repository:

```
D:\mushaf\Qra-anAltahjjod>git push origin Juza4/5
```

□ Create pop up (modal):

- Go to **www>template**, create **modal.html** document and add this code:

```
modal.html
Qra-anAltahjod > www > templates > modal.html > ion-view > ion-header-bar.bar-stable > a.button.icon-right.icon-chevron-left.button-clear.button-dark
1 <link rel="stylesheet" href="./css/model.css">
2
3 <ion-view view-title=""
4   style=" width: 50%;
5     margin: auto;
6     background-color: #414042;
7     border-radius: 10px;
8     box-shadow: 5px 5px 8px #414042;
9     height: 45% ">
10
11 <ion-header-bar class="bar-stable" style="direction: rtl;" >
12   <a class=" button
13     icon-right
14     icon-chevron-left
15     button-clear button-dark"
16     style=" font-weight:bolder;
17       margin-right: 2%"
18     ng-click="closeModal()">رجوع</a>
19 <h1 class="title">{{note}}</h1>
20 </ion-header-bar>
21 <ion-content>
22   <div class="card">
23     <div class="item item-text-wrap">
24       <div class="list">
25         <label>
26           <span class="input-label">ملاحظة</span>
27           <input type="text" placeholder="اكتب ملاحظتك" ng-model="note"/>
28         </label>
29         <button class="button button-full button-positive" ng-click="addNesDesc(key,note)">حفظ</button>
30       </div>
31     </div>
32   </div>
33
34   <h1>{{key}}</h1>
35   <p>{{note}}</p>
36 </ion-content>
37 </ion-view>
38
```

- Go to **www>js>controller.js** and this code:

```
.controller("The4Ctrl", function($scope, $ionicModal) {  
  $scope.note = " ";  
  $scope.addNesDesc = function(key, data) {  
    alert(key);  
    alert(data);  
    localStorage.setItem(key, data);  
    $scope.modal.hide();  
  };  
  
  $ionicModal  
    .fromTemplateUrl("templates/modal.html", {  
      scope: $scope  
    })  
    .then(function(modal) {  
      $scope.modal = modal;  
    });  
  
  $scope.openModal = function() {  
    $scope.modal.show();  
  };  
  
  $scope.closeModal = function() {  
    $scope.modal.hide();  
  };  
  
  //function open the modal  
  
  $scope.d1c3d7 = function() {  
    $scope.key = "d1c3d7";  
    $scope.note = localStorage.getItem("d1c3d7");  
    $scope.openModal();  
  };  
  
  $scope.e3c5c5 = function() {  
    $scope.key = "e3c5c5";  
    $scope.note = localStorage.getItem("e3c5c5");  
    $scope.openModal();  
  };  
  
  $scope.dca4a9 = function() {  
    $scope.key = "dca4a9";  
    $scope.note = localStorage.getItem("dca4a9");  
    $scope.openModal();  
  };  
});
```



-add function for each ayah like this until finish a whole ayat:

```
$scope.d4c9da = function() {  
  $scope.key = "d4c9da";  
  $scope.note = localStorage.getItem("d4c9da");  
  $scope.openModal();  
};
```

□ Upload surah al nisa' to free hosting :

**choose this websites**

- <https://www.000webhost.com/>
- <https://www.awardspace.com/>

**you can see some tutorial:-**

For Arabic speaker: [https://www.youtube.com/watch?v=k\\_EtZ6T6BJw](https://www.youtube.com/watch?v=k_EtZ6T6BJw)

For all: <https://www.youtube.com/watch?v=YR9oyT22LLs>

## □ Resources:

-If you don't understand a specific point, you can watch these videos

[https://www.youtube.com/watch?v=0n6hz9J\\_4eo](https://www.youtube.com/watch?v=0n6hz9J_4eo)

<https://www.youtube.com/watch?v=7yX0g4S-5gA>