In this project there are four pages

* Home Page
* Clock
* Weather
* Calendar

In clock page a wall clock and a digital clock is displayed. Both of them show the current time. To display current time make a date object and use it’s “get” functions to get the current seconds, hours and minutes.

**var d = new Date();**

**hour = d.getHours()\*30;**

**min = d.getMinutes()\*6;**

**sec = d.getSeconds()\*6;**

Display this data on the screen.

In the Calender page

* store the names of months in an array and names of days in another array
* Make a date variable and set it’s date value to 1.
* Now to display calendar in a proper way find out the day on this date
* Run a loop that will skip (continue) the number of days that we calculated in the above step
* On each iteration that is not the skip iteration increment the variable and display it in the next cell of the column.
* As soon as the loop ends, calender will be ready

In the “weather” page

* get the json data from the url you get from the **weather.com** after you have registered
* parse the json data and store it in a variable
* display the data

var xmlhttp = new XMLHttpRequest();//da4b84c6b1ec7328

var url = "http://api.wunderground.com/api/**your**\_**key**/conditions/q/**your\_state**/**your\_city**.json";

xmlhttp.onreadystatechange = function() {

if (xmlhttp.readyState == 4 && xmlhttp.status == 200) {

var myArr = JSON.parse(xmlhttp.responseText);

myFunction(myArr);

}

};

xmlhttp.open("GET", url, true);

xmlhttp.send();

“Home” page is a combination of the parts from above three pages