# Department of Computing

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**CS344: Web Engineering**

**Class: BESE – 4B**

# Assignment #02

**Date: 19th November, 2015**

# Instructor: Fahad Ahmed Satti

## Files:

**Main html file** : assignment2.html

**Css folder**: contains 3 css files . one for all widgets css and two for background animation.

**JS folder**: contains 2 script files.

**Img folder**: contains background image, and weather icons.

## Details:

Weather widget is made by using yahoo api . using the query provided by Sir. Then manipulating the Json file and finding the temperature, code, humidity, wind speed etc. The page keeps reloading until the json file is received sometimes it doesn’t get the result of query on one window load.

Digital clock is made by using default seconds minutes and hour function function in javascript and writing to inner html directly. Analogue clock time is get in the same way as in digital clock but Jquery is used to make the needles rotate. Outer rim and needles are made from css.

Date is made by using default getdate() get month() ftn in javascript. Calender is made by making a table dynamically for each months date. it is dynamic so you can view months of next years too.

By clicking on one widget another appears this is made by using Jquery’s fadein and fadeout functions.

## Github link:

https://github.com/TahreemSaleem/weather-widget.git

## Reference:

Background animation:<http://tympanus.net/codrops/2014/09/23/animated-background-headers/>

Weather icons: <http://bit.ly/weatherapp-code>