



HACETTEPE ÜNİVERSİTESİ

BİLGİSAYAR BİLİMLERİ & MÜHENDİSLİĞİ

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Subject: JSON

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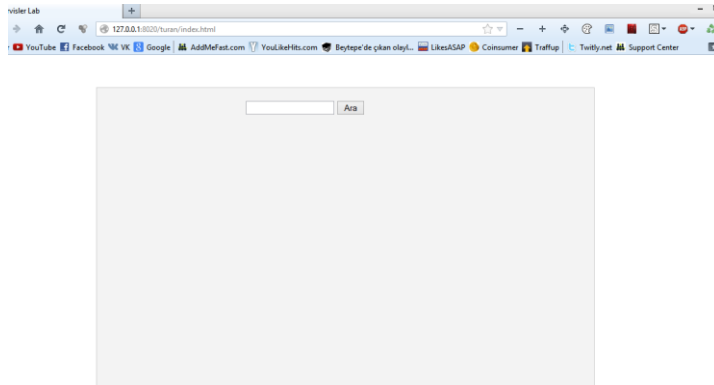
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Software Aim:

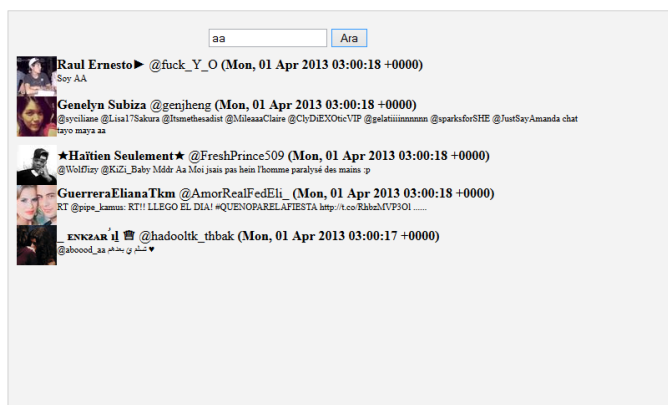
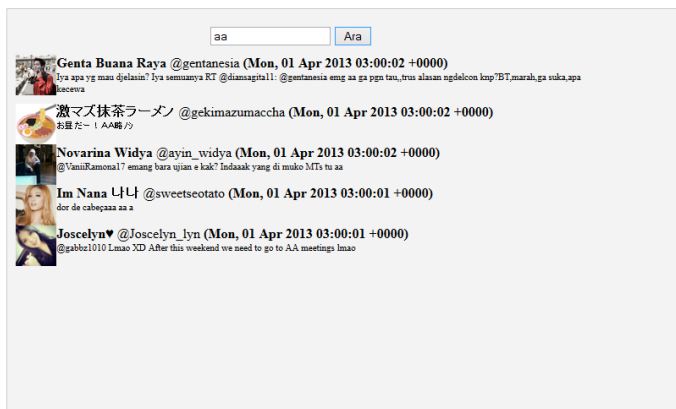
In this experiment I developed a web page which using the search engine of Twitter with json.

Software Usage:

When you open project firstly you come across the following screenshot;



In this screen you can search with words , characters sentences etc... When you type one of theese choice you will come across five different tweets which includes your input.It will be regenerated every 10.000 split-second or new tweet added. As you see next screenshot,



Solution :

Page is designed with HTML code.I used divs and styles for giving its shape.

By using <http://search.twitter.com/search.json> url I get the json objects.Igot five object every time by using rpp.

```
function start() {  
  
    $.ajax({  
        type : 'GET',  
        dataType : 'jsonp',  
        url : 'http://search.twitter.com/search.json|',  
        data : {  
            q : sterm,  
            rpp : 5  
        },  
    },
```

After I got the objetcs successfully I append them to panel.

```
        success : function(data) {  
            panel.empty();  
            $.each(data.results, function(index, tweet) {  
                //alert(tweet.text);  
  
                var created = tweet.created_at;  
                var text = tweet.text;  
                var name = tweet.from_user_name;  
                var nic = tweet.from_user;  
                var img = tweet.profile_image_url;  
  
                var tweetHtml = '<div class="tweet"><div><b>' + name + "</b> @" + nic + " <b>(" +  
                panel.append(tweetHtml);  
            });  
        }  
    });
```

Algorithm :

- 1)Load page
- 2) When button clicked get text and searc in twitter
- 3)Get the first five json objects
- 4)Print objects
- 5)Return 3rd step every 10000 split-second