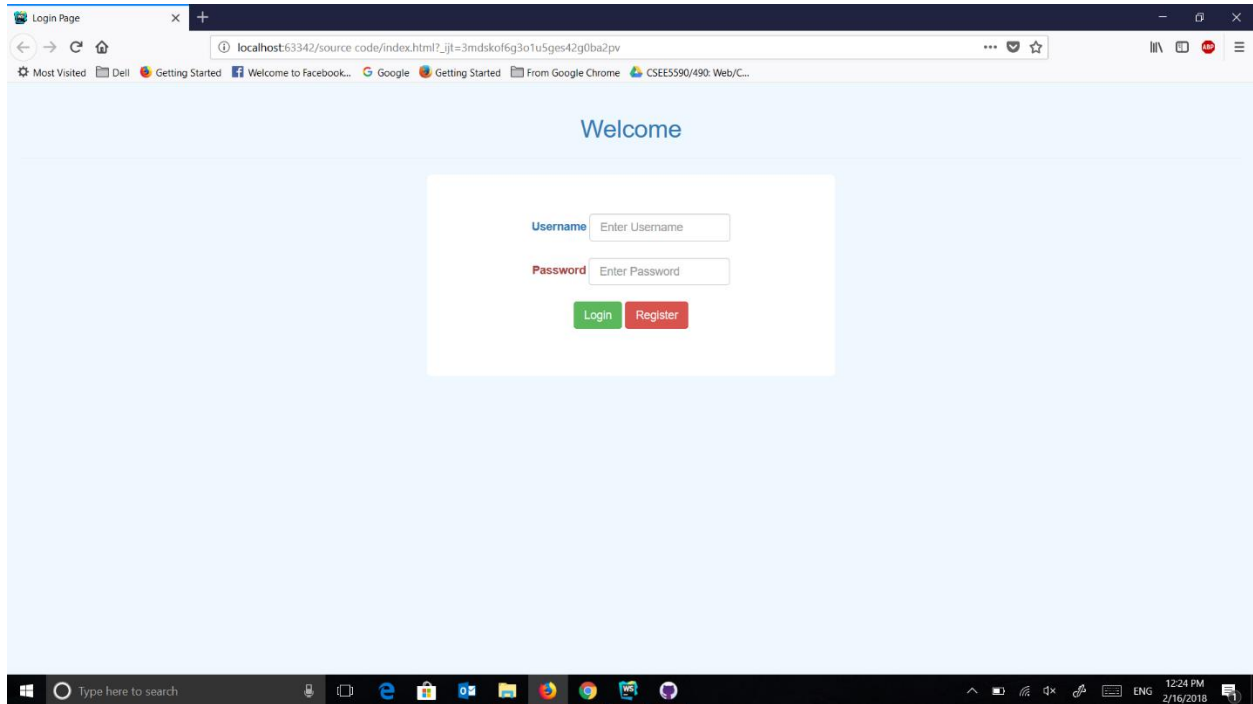


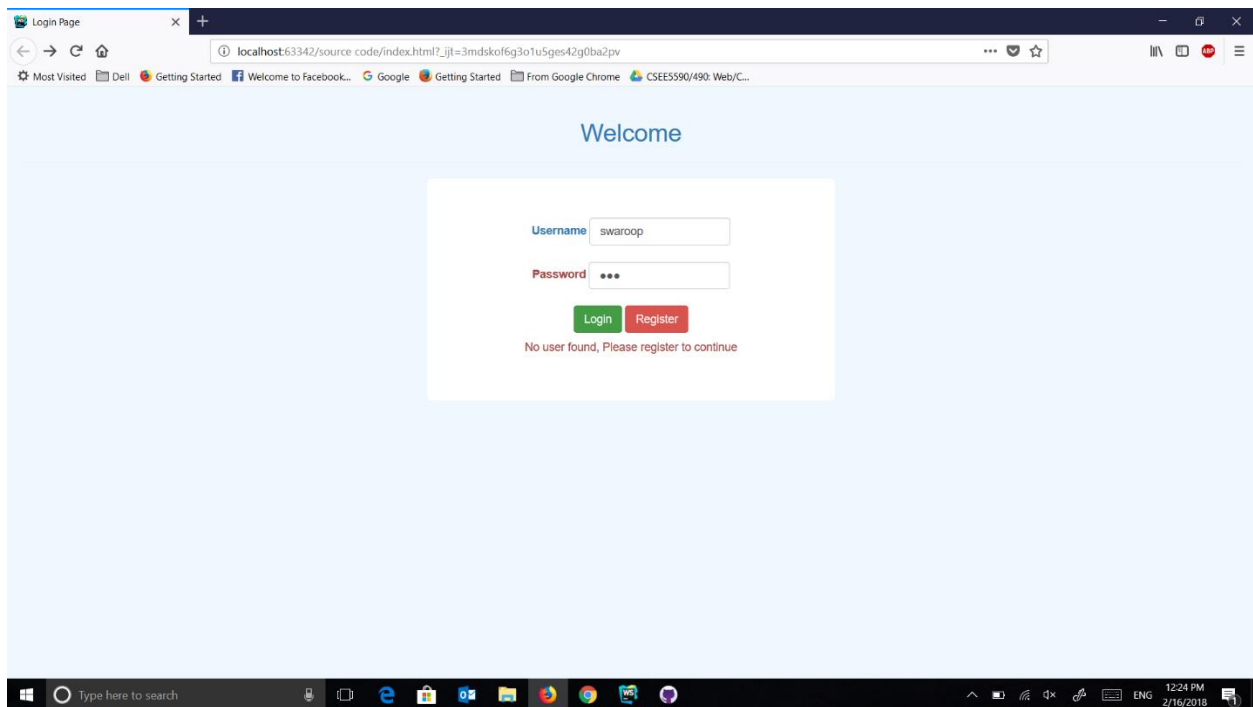
Lab Assignment #2

Part 1: News App

Created a login page with username and password.

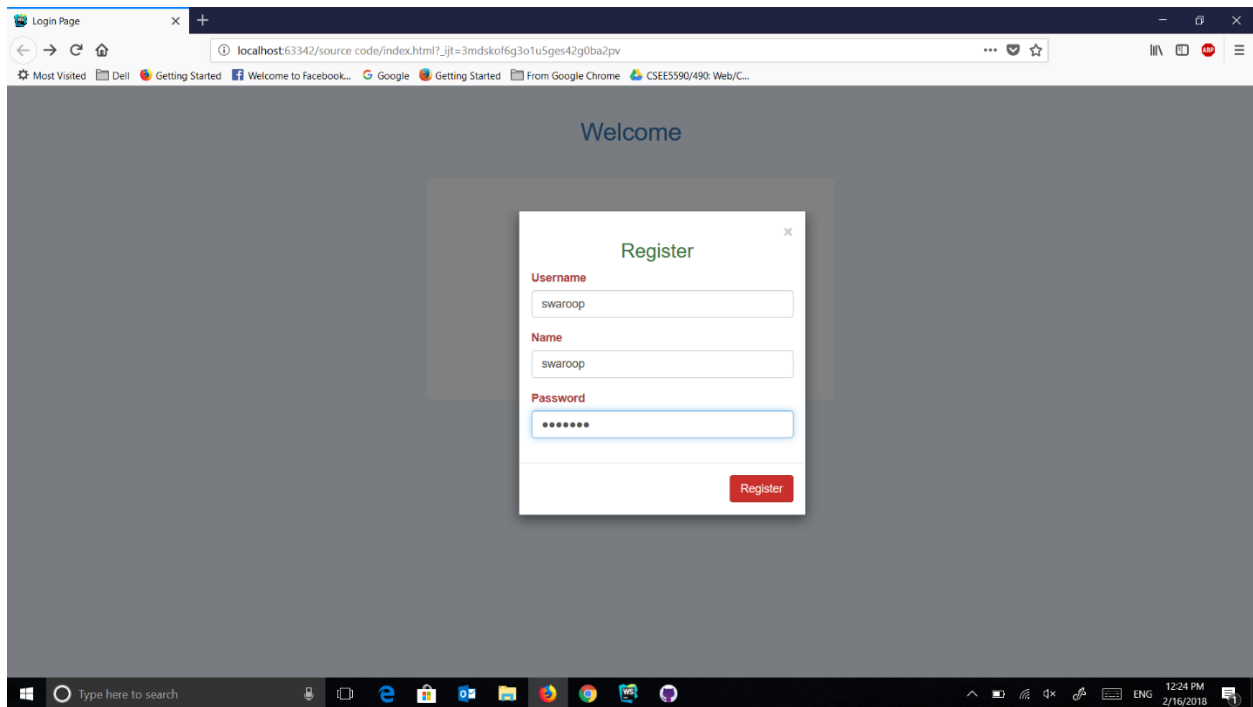


If username and password doesn't match, it will ask for registration

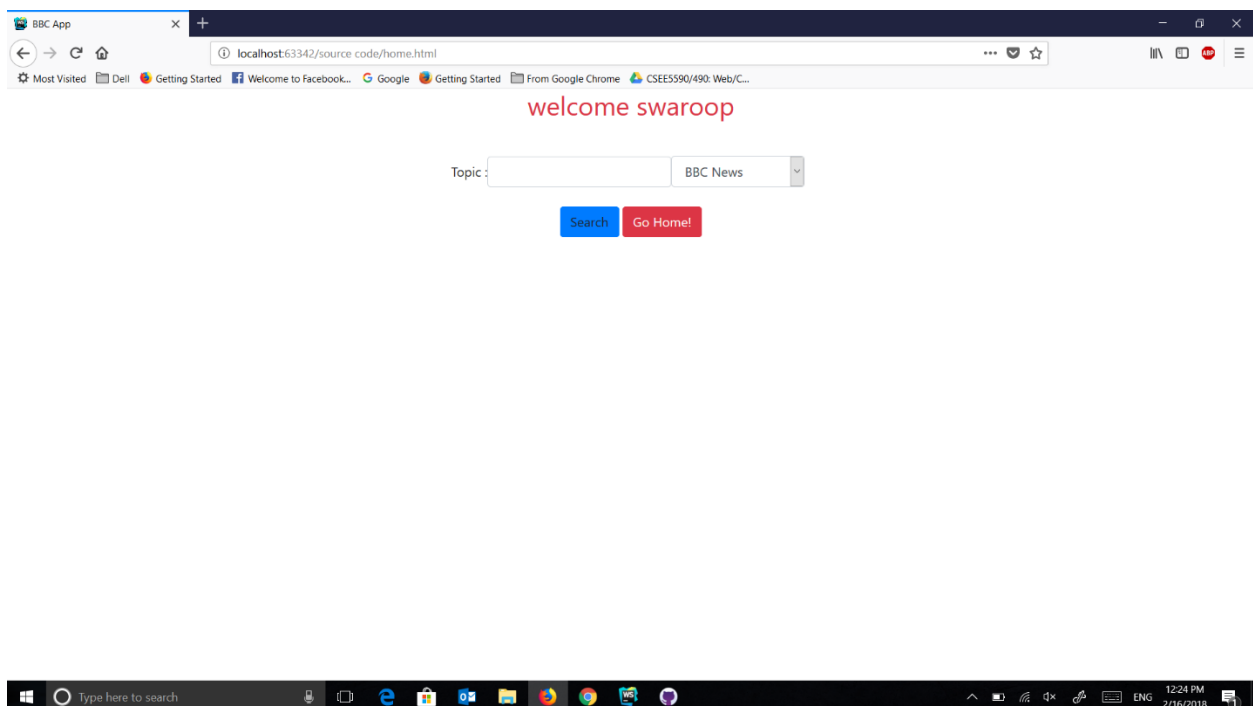


Lab Assignment #2

Registration Page

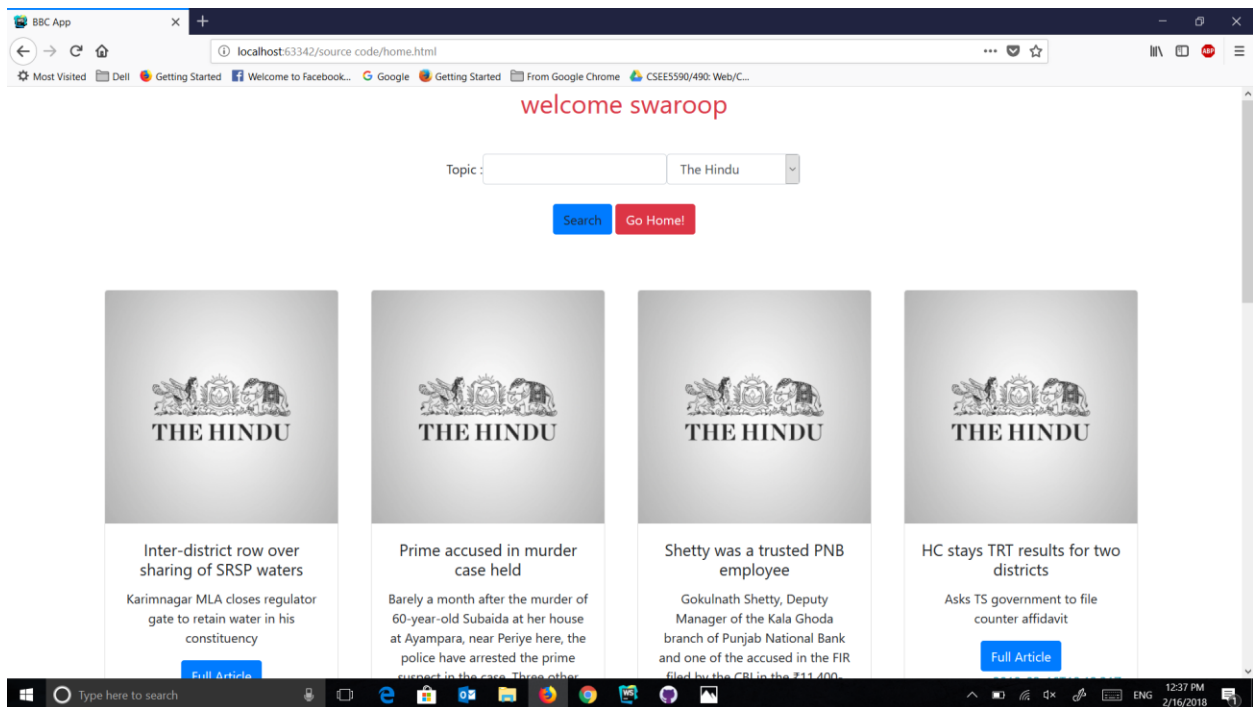
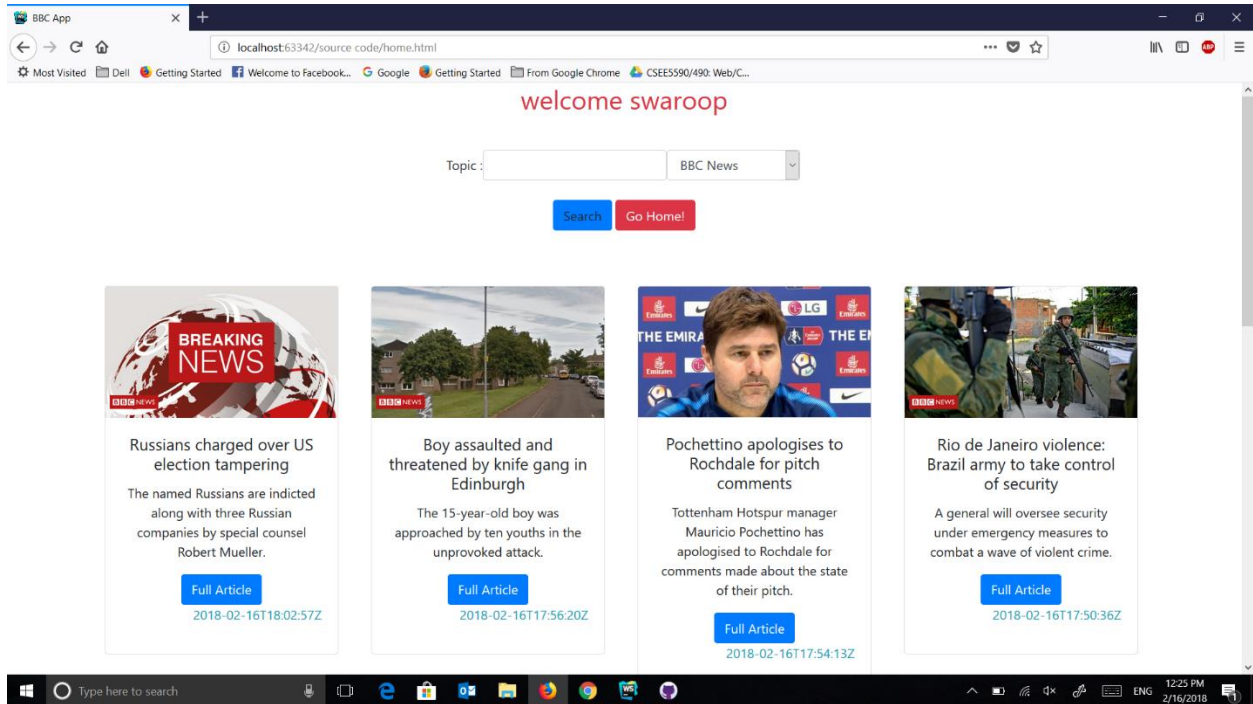


After Registration and signing in, it takes to the home page. which contains search bar to search a topic and dropdown for different news sources.

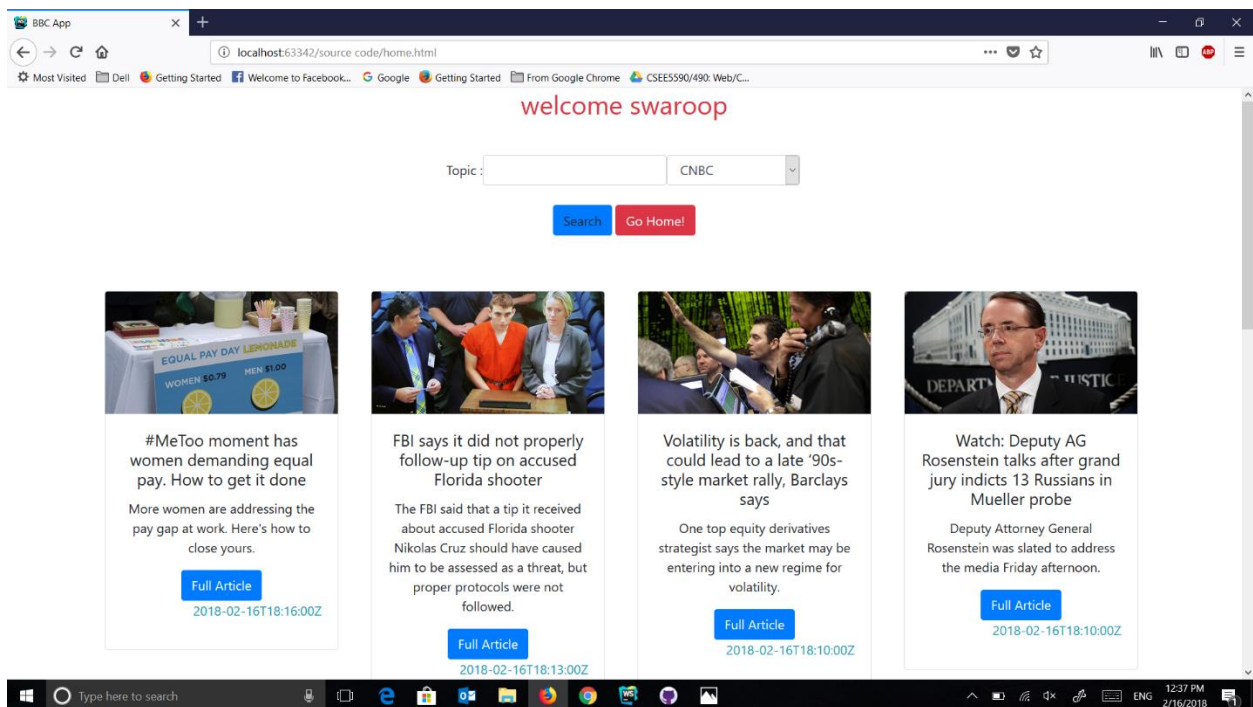
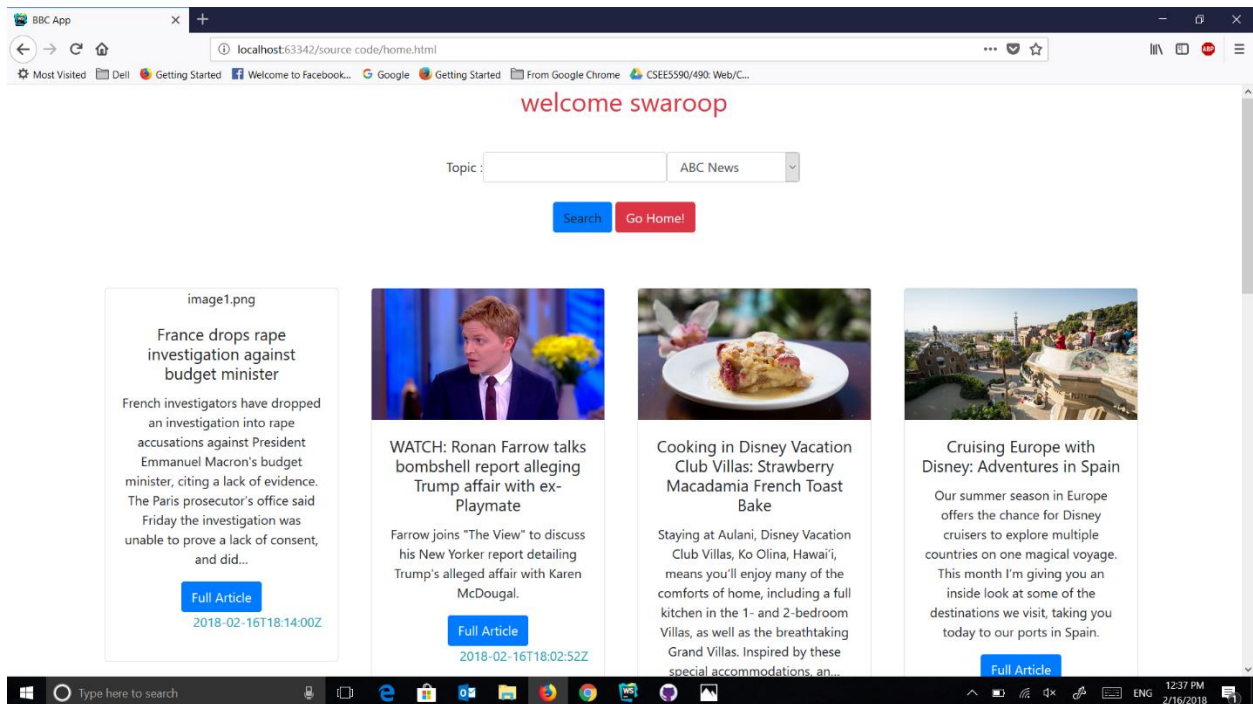


Lab Assignment #2

If we search without topic but with source, it will show the top news from the source



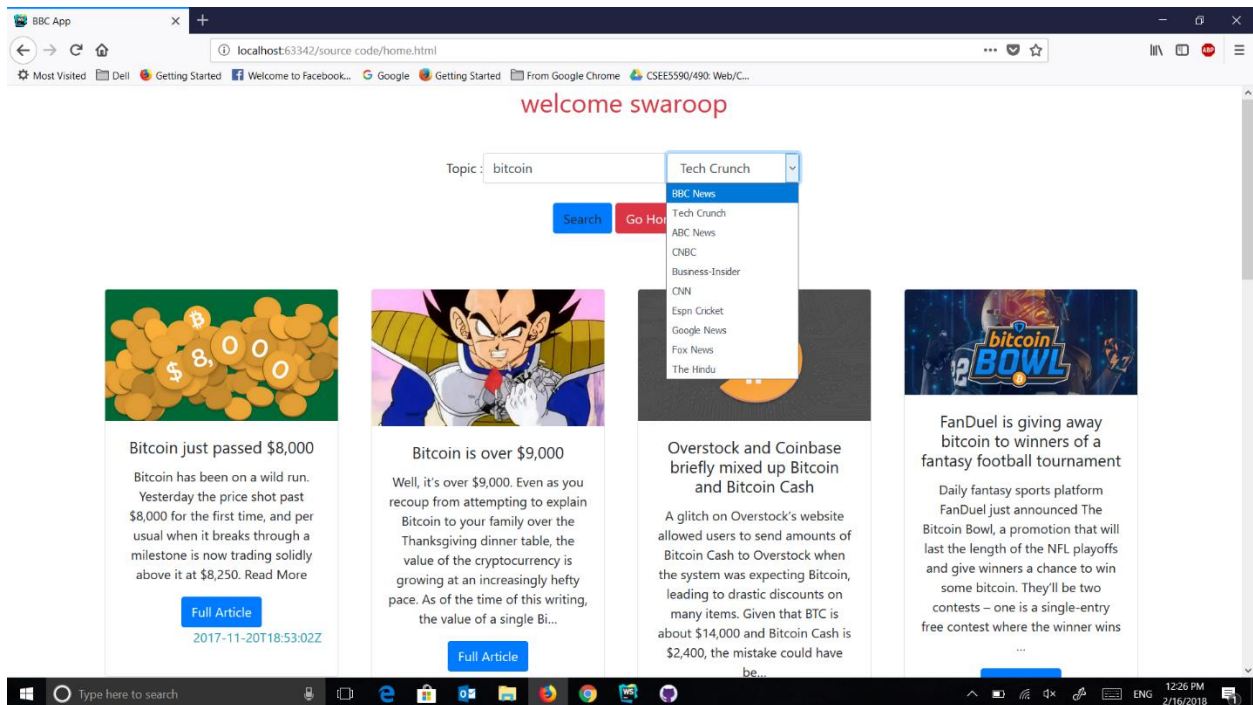
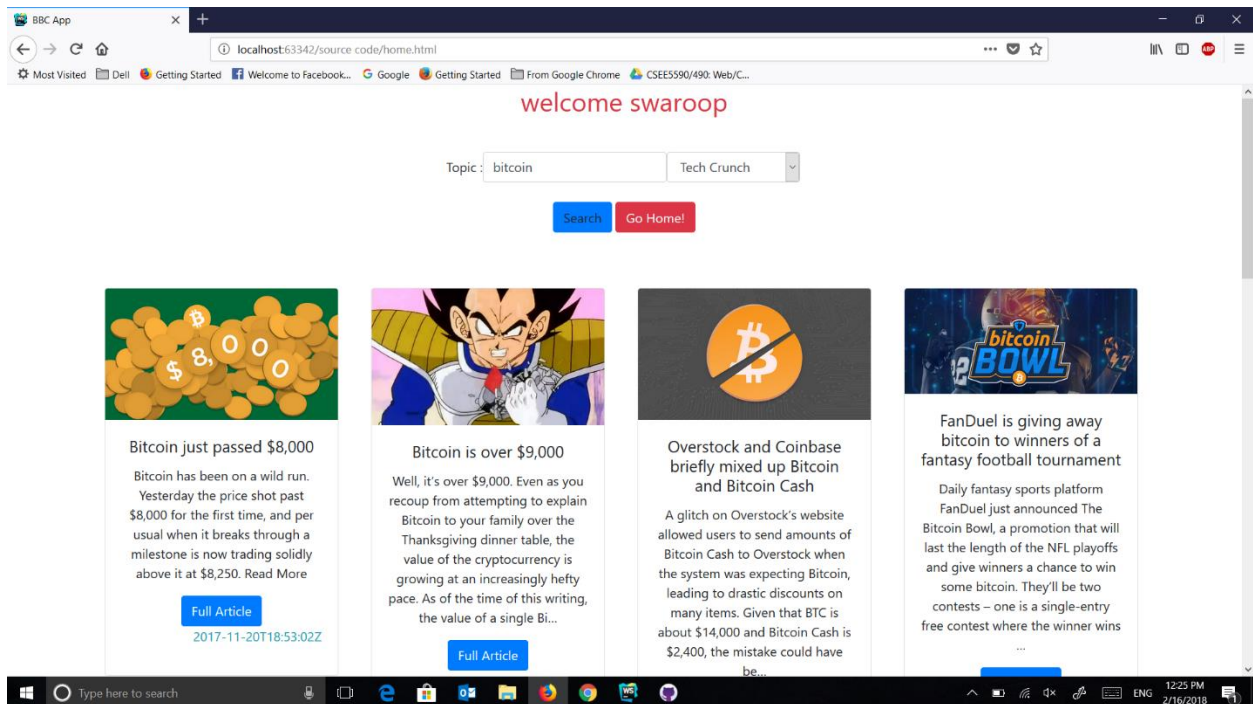
Lab Assignment #2



If you click on full article it open new tab with the full content of the article.

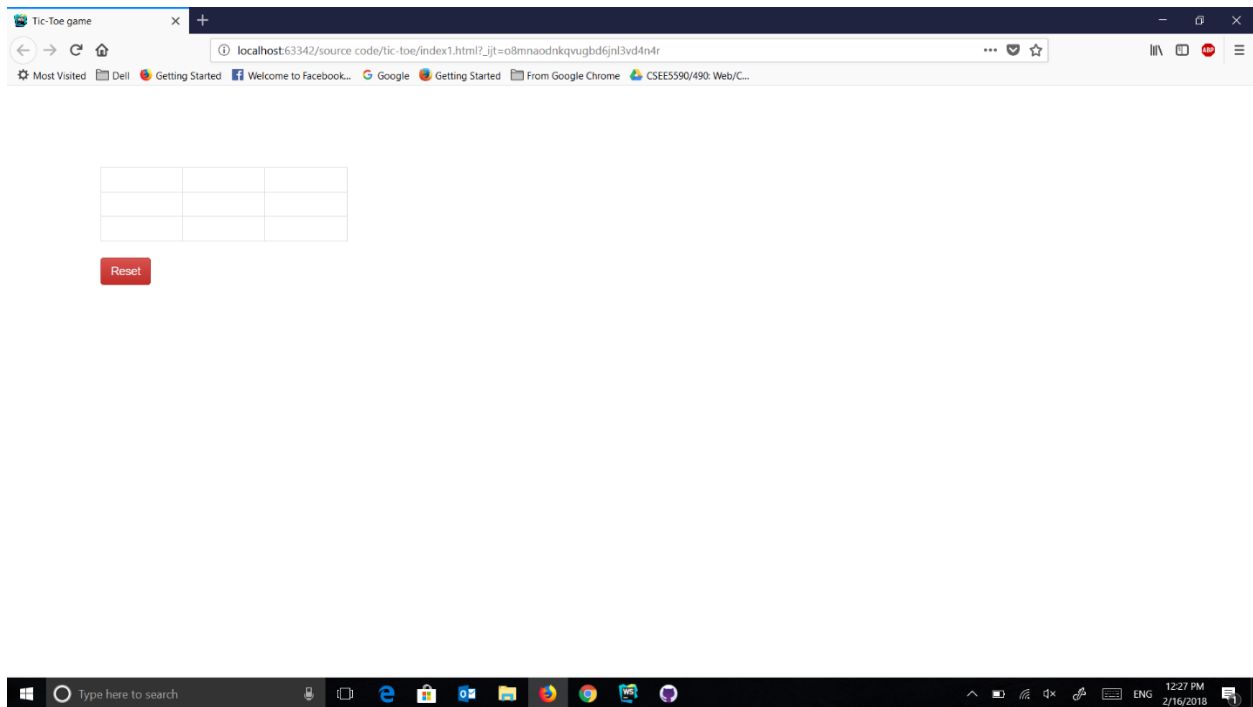
Lab Assignment #2

If we search for the topic and source

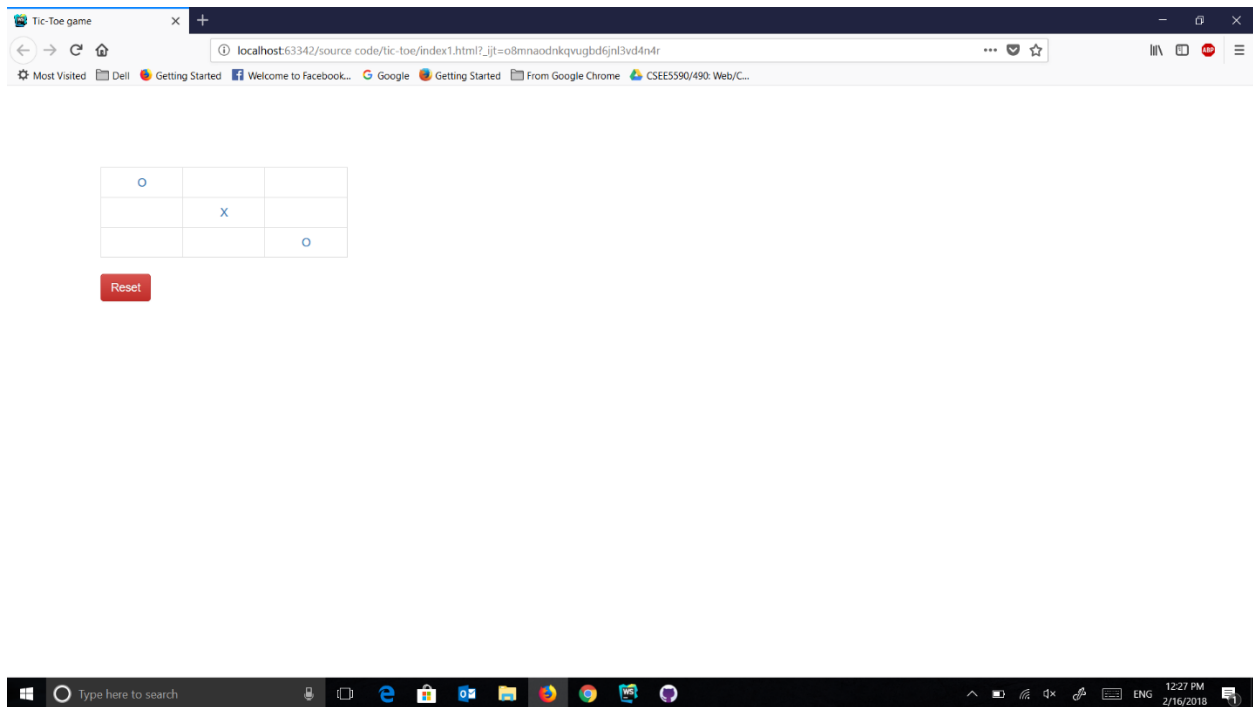


Lab Assignment #2

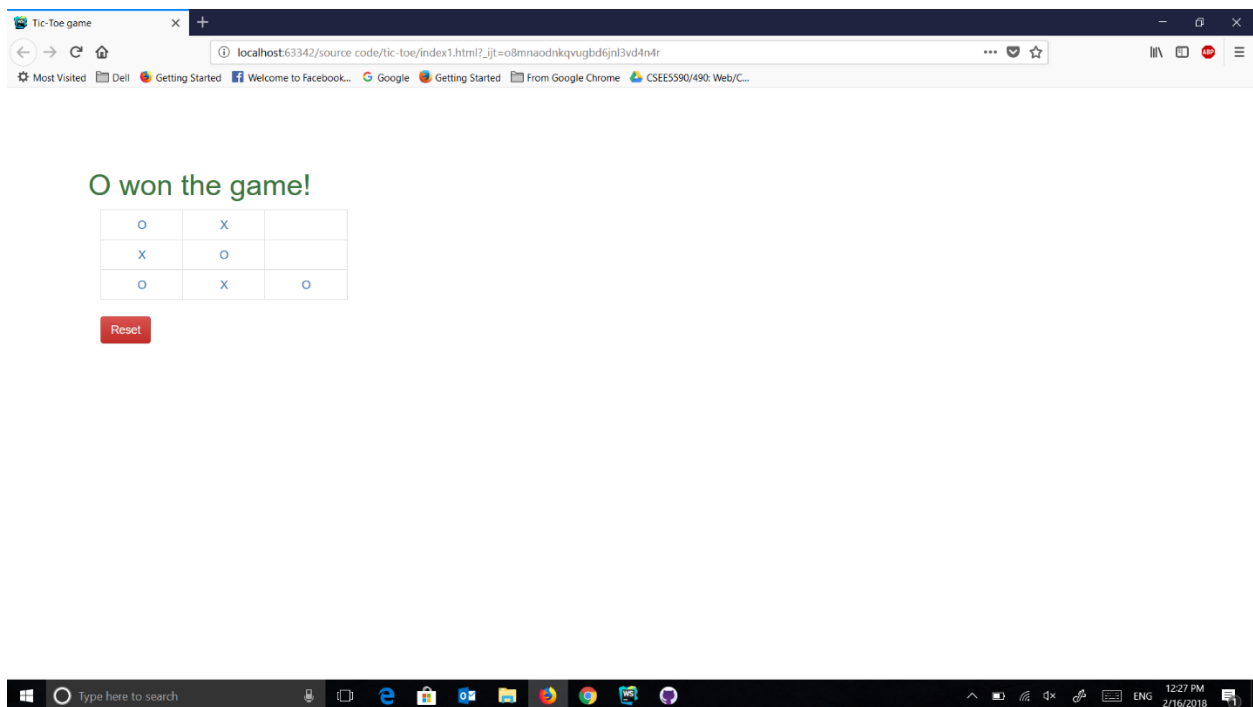
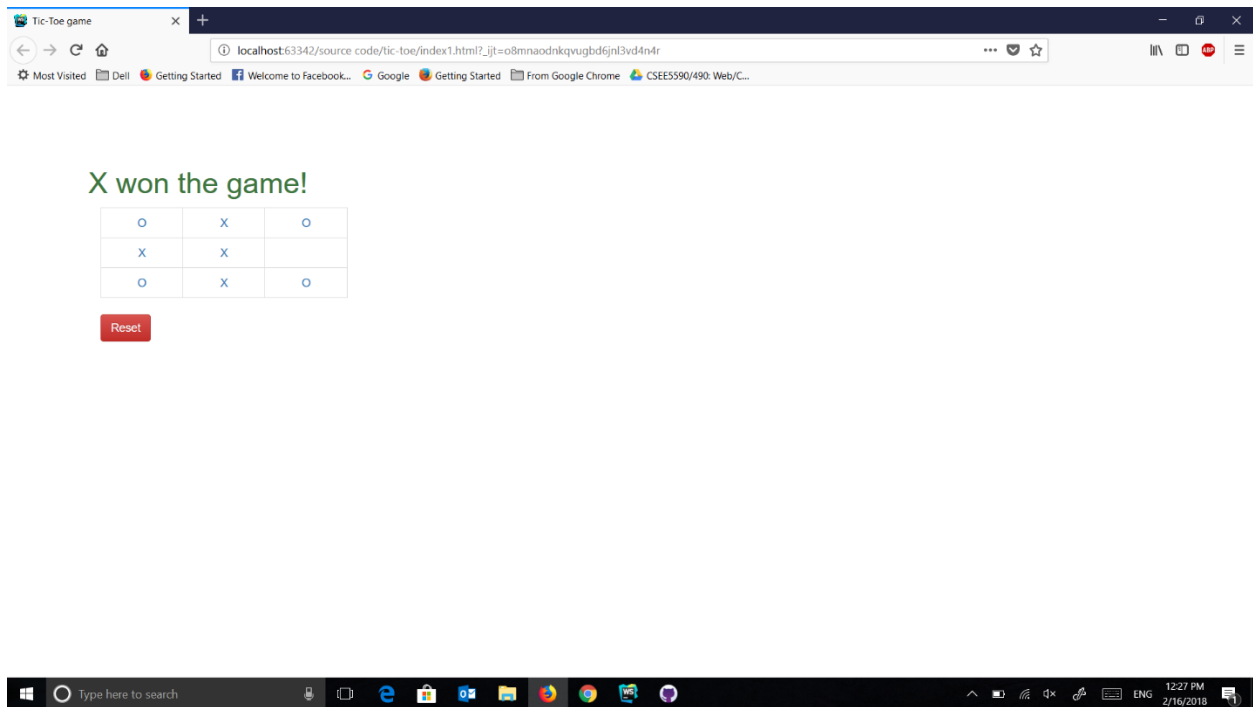
Part 2: Tie-Toe Game



the first player is distinguished by X and the second player by O



Lab Assignment #2



Lab Assignment #2

Code Snippet:

```
var loginid = localStorage.getItem("resid");
console.log(loginid);
$("#page").text("welcome " + loginid);

function response(source,topic) {

    var xhttp = new XMLHttpRequest();

    xhttp.open('GET',"https://newsapi.org/v2/everything?q="+topic+"&sources="+source+"&api
Key=b5468b9937314c37ae472c8d30430664", false);
    xhttp.send();
    return xhttp;
}

function showdata(news) {

    console.log(news.articles);
    $("#card1").show();
    $("#news1").text(news.articles[0].title);
    $("#news11").text(news.articles[0].description);
    $("#news111").attr("href",news.articles[0].url);
    $("#image1").attr("src",news.articles[0].urlToImage);
    $("#time1").text(news.articles[0].publishedAt);
    $("#card2").show();
    $("#news2").text(news.articles[1].title);
    $("#news21").text(news.articles[1].description);
    $("#news211").attr("href",news.articles[1].url);
    $("#image2").attr("src",news.articles[1].urlToImage);
    $("#time2").text(news.articles[1].publishedAt);
    $("#card3").show();
    $("#news3").text(news.articles[2].title);
    $("#news31").text(news.articles[2].description);
    $("#news311").attr("href",news.articles[2].url);
    $("#image3").attr("src",news.articles[2].urlToImage);
    $("#time3").text(news.articles[2].publishedAt);
    $("#card4").show();
    $("#news4").text(news.articles[3].title);
    $("#news41").text(news.articles[3].description);
    $("#news411").attr("href",news.articles[3].url);
    $("#image4").attr("src",news.articles[3].urlToImage);
    $("#time4").text(news.articles[3].publishedAt);
    $("#card5").show();
    $("#news5").text(news.articles[4].title);
    $("#news51").text(news.articles[4].description);
    $("#news511").attr("href",news.articles[4].url);
    $("#image5").attr("src",news.articles[4].urlToImage);
    $("#time5").text(news.articles[4].publishedAt);
    $("#card6").show();
    $("#news6").text(news.articles[5].title);
    $("#news61").text(news.articles[5].description);
    $("#news611").attr("href",news.articles[5].url);
    $("#image6").attr("src",news.articles[5].urlToImage);
    $("#time6").text(news.articles[5].publishedAt);
    $("#card7").show();
    $("#news7").text(news.articles[6].title);
    $("#news71").text(news.articles[6].description);
    $("#news711").attr("href",news.articles[6].url);
    $("#image7").attr("src",news.articles[6].urlToImage);
    $("#time7").text(news.articles[6].publishedAt);
    $("#card8").show();
}
```


Lab Assignment #2

```
$("#news8").text(news.articles[7].title);
$("#news81").text(news.articles[7].description);
$("#news811").attr("href",news.articles[7].url);
$("#image8").attr("src",news.articles[7].urlToImage);
$("#time8").text(news.articles[7].publishedAt);
}

$(document).ready(function () {

    $("#search").click(function () {

        topic = $("#topic").val();
        source= $("#source").val();
        console.log(source);
        console.log(topic);
        resp = response(source,topic);
        if (resp.status == 200){
            showdata(JSON.parse(resp.responseText));
            console.log("success");
        }else{
            console.log("not find");
        }
    }
    )
});
```