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Introduction: Implementation and understanding of REST API's using angular JS elements.

## **Programming elements:**

- Angular JS
- html5
- CSS.

### **Tools Used:**

JetBrains-Webstorm

### API's used:

- Yandex Translator API for language translation
- Four Square API to display nearby Restaurants.

# Objective-1: To develop a web application that has to display restaurants depending on the place that you entered.

- The code snippet for corresponding UI implementation and angular elements are shown below along with comments.
- Here I am using four square API to obtain the venue list of restaurants.
- ng-controller directive attaches a controller class to the view. This is a key aspect
  of how angular supports the principles behind the Model-View-Controller design
  pattern. The ng-Click directive allows you to specify custom behavior when an
  element is clicked.

ICP-5

```
}
}
handler.error(function (data) {
    alert("There was some error processing your request. Please try after some time.");
    return false;
    });
}
}
}
```



# Objective-2:To implement Language Translator web application using Yandex Translation API using angular JS elements.

The code and output snippets along with comments have shown below.

ICP-5

 the translate.js file which is a javascript file. The Document method getElementById() returns an Element object representing the element whose id property matches the specified string. The \$http service is a core AngularJS service that facilitates communication with the remote HTTP servers via the browser's XMLHttpRequest object or via JSONP.

```
Chochive hemb'

Cheal langs"en">
Chead charset="UTF-8">
Chitie-language franslator</title>
Chitie-language franslator

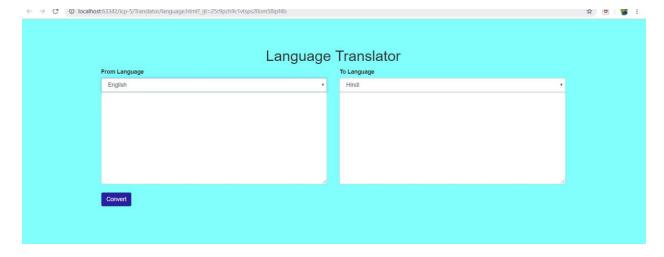
Chitie-language franslator
Chitie-language franslator

Carript arc="language.js">
Charript arc="language.js">
Charri
```

```
ABBRURAL Hoddlef ("NUMBER) (1)

- ABBRURAL HODGLE ("NUMBER) ("NUMB
```

```
facope.translate = function() {
    comsole.log("Modifien");
    yar successfullate = function (response) {
        console.log("Modifien");
        console.log("Modifien");
        console.log("Modifien");
        console.log("Modifien");
        console.log("Modifien");
        console.log("Modifien");
        console.log("FALT");
        faitureCallBack = function (response) {
            console.log("FALT");
            facope.error = response.data;
            Slog.info(response);
        };
        yar succeffent = document.getElementById( ##mmild: "dourcelanguage").value;
        console.log(sourcefent);
        console.log(sourcefent);
        console.log(sourcefent);
        console.log(sourcefent);
        console.log("Tall");
        console.lo
```





## **Conclusion:**

• Hence learnt how to use REST API's to develop web applications using angularJS elements.