

subject: MWA

### Assignment 5

7.9) Develop an Angular JS application that supports internationalization, allowing users to switch between different languages.

app.js

```
angular.module('my App', ['ng Translate'])
.config(function ($translateProvider) {
  $translateProvider.useStaticFilesLoader({
    prefix: 'i18n/',
    suffix: '.json'
  });
  $translateProvider.preferredLanguage('en'); // set default language.
})
.controller('Main ctrl', function ($translate, $scope) {
  $scope.changeLanguage = function (lang) {
    $translate.use(lang);
  };
  // Sample data (replace with actual translations)
  $translateProvider.translations('en', {
    title: 'welcome!',
    message: 'This application support internationalization',
    language: 'Language',
    english: 'English',
    spanish: 'Spanish'
  });
  $translateProvider.translations('es', {
    title: 'Bienvenido!',
    message: 'Esta aplicacion soporta internacionalizacion'
```



```

(language: Idioma;
english: Ingles;
spanish: Español;
});
});

```

```

Index.html
<!DOCTYPE html>
<html ng-app="myApp">
<head>
<title> Internationalized App </title>
<script
src="http://ajax.googleapis.com/ajax/libs/angularjs/1.
8.2/angular.
r.min.js"></script>
<script
src="https://ajax.googleapis.com/ajax/libs/angularjs/
1.8.2/angular.
r.translate.min.js"></script>
</head>
<body ng-controller="MainCtrl">
<div>{{ title | translate }}</div>
<p>{{ 'message' | translate }}</p>
<p>{{ 'language' | translate }}</p>
<button ng-click="changeLanguage('en')>{{ 'english' |
translate }}</button>
<button ng-click="changeLanguage('es')>{{ 'spanish' |
translate }}</button>
</p>
</div>
</html>

```



Write a struts application that demonstrates the configuration of the framework, including the configuration file and directory structure.

1. Directory structure:

CSS

struts 2-Example/

src/

main/

java/

com/

example/

action/

HelloWorldAction.java

web/

WEB-INF/

lib/

struts2-core.jar

(other dependencies)

classes/

struts.xml

web.xml

index.jsp

pom.xml

2. pom.xml (Maven dependencies):

xml

```
<?xml version="1.0" encoding="UTF-8" ?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
    http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <dependencies>
```



```
</dependencies>
</project>
```

4. web.xml (Servlet mapping):

```
<?xml
```

```
<display-name>struts2 Example</display-name>
```

```
<filter>
```

```
<filter-name>struts2</filter-name>
```

```
<welcome-file-list>
```

```
<welcome-file>index.jsp</welcome-file>
```

```
</welcome-file-list>
```

```
</web-app>
```

5). Hello world Action (java (struts.action class.):

```
java
```

```
package com. Example. action;
```

```
import com. opensymphony. xwork2. ActionSupport;
```

```
public class Hello world Action extends ActionSupport {
```

```
private String message;
```

```
public String execute() {
```

```
    set message ("Hello struts 2!");
```

```
    return SUCCESS;
```

```
}
```

```
public String get message() {
```

```
    return message;
```

```
}
```

```
public void set message (String message) {
```

```
    this message = message;
```

```
}
```

```
}
```