**Background**

As I mentioned in my lectures, I am providing you the source code and jar files of my demo application. You can use this application for your practice sessions or you can use your own applications.

**Get the demo web application and web services**

1. Download the Zip file from attachment and unzip it.

2. You will get three folders, each one of it is a component of the application

**Setup details for each of the component**

There are three components in my CareerPath Application

**1. Career Path Web Service**

Description: This web service will be consumed by main nodeJS web application.

**Pre-requisite**:

a) Java (There are so many online articles on installing Java in Windows/Linux machines, please refer and install Java)

b) If you have a virtual machine, do this setup in an individual virtual machine else do it locally along with other component

**Deploying the service:**

After uncompressing my downloaded zip file, you will find a folder with name "CareerPath webservice". In this folder, you will find both source code and jar file.

If you are going to modify my webservice, you can user the source code

If you just want to run the web service then jar file is enough, you start the service with below steps

**Steps to start the service:**

1. Open command prompt

2. cd to the directory where jar file exist (cd <directory name>)

3. Start the service with this command "java -jar career-path-0.0.1-SNAPSHOT" (If java command didn't work, enter the full path of your java installation)

java -Dserver.port=8080 -jar career-path-0.0.1-SNAPSHOT.jar

4. It will take some time to start the service. In few mins, service will be up and running in port number 8080

**2. Market Sentiment Web Service**

**Description**: This web service will be consumed by main nodeJS web application.

**Pre-requisite:**

a) Java(There are so many online articles on installing Java in Windows/Linux machines,please refer and install Java)

b) If you have a virtual machine, do this setup in an individual virtual machine else do it locally along with other component

**Deploying the service:**

After uncompressing my downloaded zip file, you will find a folder with name "Market Sentiment WebService". In this folder, you will find both source code and jar file.

If you are going to modify my webservice, you can user the source code

If you just want to run the web service then jar file is enough, you start the service with below steps

**Steps to start the service:**

1. Open command prompt

2. cd to the directory where jar file exist (cd <directory name>)

3. Start the service with this command "java -Dserver.port=8082 -jar mkt-sentiment-0.0.1-SNAPSHOT.jar " (If java command didn't work, enter the full path of your java installation)

4. It will take sometime to start the service. In few mins, service will be up and running in port number 8082

**3. CareerPath Web Application**

Description: This is the main web application, which will receive request from careerPath website. This application will send requests and receive response from above two web service for rendering data in website

**Pre-requisite:**

a) NodeJs(There are so many online articles on installing NodeJS in Windows/Linux machines,please refer and install nodeJS)

b) If you have a virtual machine, do this setup in an individual virtual machine

**Deploying the web Application:**

1. After uncompressing my downloaded zip file, you will find a folder with name "CareerPath Web Application". This folder will have the code for our careerPath web application.

2. Open the file with name route.js, you have to do a couple of change to this file. In file number 15, i have given host name as localhost. If you are going to run "careerPath web application" and "CareerPath web service" in two different hosts, then here you have to replace "localhost" with the IP address of the host where you are running "CareerPath web service". In case, if both are running in same machine you need not do this modification

3. In file number 51, i have given host name as localhost. If you are going to run "careerPath web application" and "Market Sentiment WebService" in two different hosts, then here you have to replace "localhost" with the IP address of the host where you are running "Market Sentiment WebService". In case, if both are running in same machine you need not do this modification

4. Open command prompt and cd to the "CareerPath Web Application" directory.

5. Execute "node app.js" (node command is not working, enter the full path of your nodejs installation)

6. You nodeJs web application will be started at port number "3000".

7. Now load the url "http://localhost:3000/" in the same machine, url should load and website should work as shown in my demo.