**EJB STATELESS SESSION**

**Server Code**

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\*/

package com.hexa.service;

import javax.ejb.Remote;

/\*\*

\*

\* @author Hvuser

\*/

@Remote

public interface InterestSerRemote {

double calcSimple(double amt, int years, float rate);

double calcCompound(double amt, int years, float rate);

}

**Java Bean Class**

package com.hexa.service;

import javax.annotation.PostConstruct;

import javax.annotation.PreDestroy;

import javax.ejb.Stateless;

import javax.ws.rs.container.PreMatching;

@Stateless(name = "interestbean1", mappedName = "interestbean2")

public class InterestService implements InterestSerRemote{

public InterestService() {

System.out.println("Session Bean - interest service - Constructor");

}

@PostConstruct

public void myinit() {

System.out.println("Post construct");

}

@PreDestroy

public void mydestroy() {

System.out.println("Pre destroy");

}

// Add business logic below. (Right-click in editor and choose

// "Insert Code > Add Business Method")

@Override

public double calcSimple(double amt,int years,float rate) {

double si = amt \* years \* rate / 100;

return si;

}

**Client Code**

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package statelessclient2;

import com.hexa.service.InterestSerRemote;

import java.util.Properties;

import javax.naming.Context;

import javax.naming.InitialContext;

import javax.naming.NamingException;

public class StatelessClient2 {

public static void main(String[] args) throws NamingException{

// TODO code application logic here

System.out.println("Client Started");

Properties props = new Properties();

props.setProperty(Context.INITIAL\_CONTEXT\_FACTORY,

"com.sun.enterprise.naming.SerialInitContextFactory"); // in Runtime uses this class to connect to glassfish server

props.setProperty("org.omg.CORBA.ORBInitialHost", "localhost");

props.setProperty("org.omg.CORBA.ORBInitialPort", "3700");

Context ctx = new InitialContext(props); // To Make a JNDI call.. Must Add throws Naming Exception

// The EJB container will give refrence which is obtained

InterestSerRemote ser =

(InterestSerRemote)ctx.lookup("interestbean2"); //JNDI Name

System.out.println("Simple Interest : " + ser.calcSimple(5000, 2, 2.5f));

System.out.println("Compound Interest : " + ser.calcCompound(5000, 3, 2.7f));

}

}

O/P:

Client Started

Simple Interest : 250.0

Compound Interest : 416.03263042303115

Server Side O/P:

Info: Session Bean - interest service - Constructor

Info: Post construct