CurrencyConverter.java

**package** com.mahendra;

**public** **interface** CurrencyConverter {

**double** dollarToRupees(**double** dollar);

}

CorrencyConverterImpl.java

**package** com.mahendra;

**public** **class** CurrencyConverterImpl **implements** CurrencyConverter {

//Dependency

**private** **double** exchangeRate;

@Override

**public** **double** dollarToRupees(**double** dollar) {

**return** dollar\*exchangeRate;

}

**public** **double** getExchangeRate() {

**return** exchangeRate;

}

//Setter Injection

**public** **void** setExchangeRate(**double** exchangeRate) {

System.***out***.println("Setter method invoked for assigning exchange rate");

**this**.exchangeRate = exchangeRate;

}

}

Main.java

package com.mahendra;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

public class Main {

public static void main(String[] args) {

System.out.println("Creating Spring Context");

ApplicationContext context =

new ClassPathXmlApplicationContext("spring.xml");

System.out.println("Spring Context has initialized IoC Container");

System.out.println("Request IoC Container for one bean with ID 'converter'.");

CurrencyConverter converter = context.getBean("converter",CurrencyConverterImpl.class);

System.out.println("Invoking method");

double rupees = converter.dollarToRupees(20);

System.out.println("Amount in rupees : "+rupees);

}

}

Spring.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<beans xmlns=*"http://www.springframework.org/schema/beans"*

xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*

xsi:schemaLocation=*"http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans-4.0.xsd"*

>

<bean id=*"converter"* class=*"com.mahendra.CurrencyConverterImpl"*>

<property name=*"exchangeRate"* value=*"71.2"*/>

</bean>

</beans>