**SBA8**

**PORM.XML**

<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 https://maven.apache.org/xsd/maven-4.0.0.xsd"*>

<modelVersion>4.0.0</modelVersion>

<groupId>RESTSAMPLE</groupId>

<artifactId>RESTSAMPLE</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>io.rest-assured</groupId>

<artifactId>rest-assured</artifactId>

<version>4.3.0</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.4.0</version>

<scope>test</scope>

</dependency>

<!-- https://mvnrepository.com/artifact/com.fasterxml.jackson.core/jackson-databind -->

<dependency>

<groupId>com.fasterxml.jackson.core</groupId>

<artifactId>jackson-databind</artifactId>

<version>2.13.0</version>

</dependency>

</dependencies>

</project>

**Employee.JAVA**

**package** test;

**public** **class** Employee {

// private variables or data members of pojo class

**private** String firstName;

**private** String lastName;

**private** String gender;

**private** **int** age;

**private** **double** salary;

**private** **boolean** married;

// Getter and setter methods

**public** String getFirstName() {

**return** firstName;

}

**public** **void** setFirstName(String firstName) {

**this**.firstName = firstName;

}

**public** String getLastName() {

**return** lastName;

}

**public** **void** setLastName(String lastName) {

**this**.lastName = lastName;

}

**public** String getGender() {

**return** gender;

}

**public** **void** setGender(String gender) {

**this**.gender = gender;

}

**public** **int** getAge() {

**return** age;

}

**public** **void** setAge(**int** age) {

**this**.age = age;

}

**public** **double** getSalary() {

**return** salary;

}

**public** **void** setSalary(**double** salary) {

**this**.salary = salary;

}

**public** **boolean** getMarried() {

**return** married;

}

**public** **void** setMarried(**boolean** married) {

**this**.married = married;

}

}

**EmployeeSerializationDeserialization.JAVA**

**package** test;

**import** org.testng.annotations.Test;

**import** com.fasterxml.jackson.core.JsonProcessingException;

**import** com.fasterxml.jackson.databind.ObjectMapper;

**public** **class** EmployeeSerializationDeserialization {

@Test

**public** **void** createEmployeeJSONFromEmployeePOJOClass() **throws** JsonProcessingException

{

// Just create an object of Pojo class

Employee employee = **new** Employee();

// Set value as you wish

employee.setFirstName("Amod");

employee.setLastName("Mahajan");

employee.setAge(29);

employee.setGender("Male");

employee.setSalary(3434343);

employee.setMarried(**false**);

// Converting a Java class object to a JSON payload as string

ObjectMapper objectMapper = **new** ObjectMapper();

String employeeJson = objectMapper.writerWithDefaultPrettyPrinter().writeValueAsString(employee);

System.***out***.println(employeeJson);

}

@Test

**public** **void** getPojoFromEmployeeObject() **throws** JsonProcessingException

{

// Just create an object of Pojo class

Employee employee = **new** Employee();

// Set value as you wish

employee.setFirstName("Amod");

employee.setLastName("Mahajan");

employee.setAge(29);

employee.setGender("Male");

employee.setSalary(3434343);

employee.setMarried(**false**);

// Converting a Java class object to a JSON payload as string

ObjectMapper objectMapper = **new** ObjectMapper();

String employeeJson = objectMapper.writerWithDefaultPrettyPrinter().writeValueAsString(employee);

// Converting EMployee json string to Employee class object

Employee employee2 = objectMapper.readValue(employeeJson, Employee.**class**);

System.***out***.println("First Name of employee : "+employee2.getFirstName());

System.***out***.println("Last Name of employee : "+employee2.getLastName());

System.***out***.println("Age of employee : "+employee2.getAge());

System.***out***.println("Gender of employee : "+employee2.getGender());

System.***out***.println("Salary of employee : "+employee2.getSalary());

System.***out***.println("Marital status of employee : "+employee2.getMarried());

}

}

***OUTPUT***

****