JAXB

```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 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <groupId>org.pratik</groupId>
  <artifactId>Jaxb</artifactId>
  <version>1.0-SNAPSHOT</version>
  <packaging>jar</packaging>

  <name>Jaxb</name>
  <url>https://maven.apache.org</url>

  <properties>
    <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    <jaxb.version>2.3.0</jaxb.version>
  </properties>

  <dependencies>
    <dependency>
      <groupId>junit</groupId>
      <artifactId>junit</artifactId>
      <version>3.8.1</version>
      <scope>test</scope>
    </dependency>
    <dependency>
      <groupId>javax.xml.bind</groupId>
      <artifactId>jaxb-api</artifactId>
      <version>${jaxb.version}</version>
    </dependency>
    <dependency>
      <groupId>com.sun.xml.bind</groupId>
      <artifactId>jaxb-core</artifactId>
      <version>${jaxb.version}</version>
    </dependency>
    <dependency>
      <groupId>com.sun.xml.bind</groupId>
      <artifactId>jaxb-impl</artifactId>
      <version>${jaxb.version}</version>
    </dependency>

  </dependencies>
  <build>
    <plugins>
```

```xml
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-clean-plugin</artifactId>
      <version>3.2.0</version>
      <executions>
        <execution>
          <id>auto-clean</id>
          <phase>initialize</phase>
          <goals>
            <goal>
              clean
            </goal>
          </goals>
        </execution>
      </executions>
    </plugin>
      <plugin>
        <groupId>org.jvnet.jaxb2.maven2</groupId>
        <artifactId>maven-jaxb2-plugin</artifactId>
        <version>0.14.0</version>
        <executions>
          <execution>
            <goals>
              <goal>generate</goal>
            </goals>
          </execution>
        </executions>
      </plugin>
    </plugins>
  </build>
</project>
```

Xml schema that converts into a object, we have to keep under resources folder to find.

```xml
<?xml version="1.0"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
       xmlns:jaxb="http://java.sun.com/xml/ns/jaxb" jaxb:version="2.0">

  <!--This tells JAXB what package to create the Java classes in-->
  <xsd:annotation>
    <xsd:appinfo>
      <jaxb:schemaBindings>
        <jaxb:package name="guru.springframework.domain"/>
```

```xml
            </jaxb:schemaBindings>
        </xsd:appinfo>
    </xsd:annotation>

    <xsd:complexType name="Product">
        <xsd:sequence>
            <xsd:element name="productId" type="xsd:integer"/>
            <xsd:element name="productDescription" type="xsd:string"/>
            <xsd:element name="productPrice" type="xsd:decimal"/>
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="CreateProductRequest">
        <xsd:complexContent>
            <xsd:extension base="Product">
                <xsd:attribute name="apikey" type="xsd:string"/>
            </xsd:extension>
        </xsd:complexContent>
    </xsd:complexType>

</xsd:schema>
```