Address.java

```
package com.example.demo;
public class Address {
	private String city;
	private String state;
	private String country;
	public String getCity()
	 {
		return city;
	}
	public void setCity(String city)
	 {
		this.city = city;
	}
	public String getState()
	{
		return state;
	}
	public void setState(String state)
	{
		this.state = state;
	}
	public String getCountry()
	{
		return country;
	}
	public void setCountry(String country)
	{
		this.country = country;
```

```
    }

    public String toString()
    {
        return city+" "+state+" "+country;
    }
}
```

Employee.java

```
package com.example.demo;
public class Employee {
    private int id;
    private String name;
    private Address address;
    public int getId()
    {
        return id;
    }
    public void setId(int id)
     {
        this.id = id;
    }
    public String getName()
    {
        return name;
    }
    public void setName(String name)
    {
```

```
            this.name = name;
        }
        public Address getAddress()
         {
            return address;
        }
        public void setAddress(Address address)
        {
            this.address = address;
        }
            public String toString()
        {
            return id+" "+name+" "+address;
        }
}
```

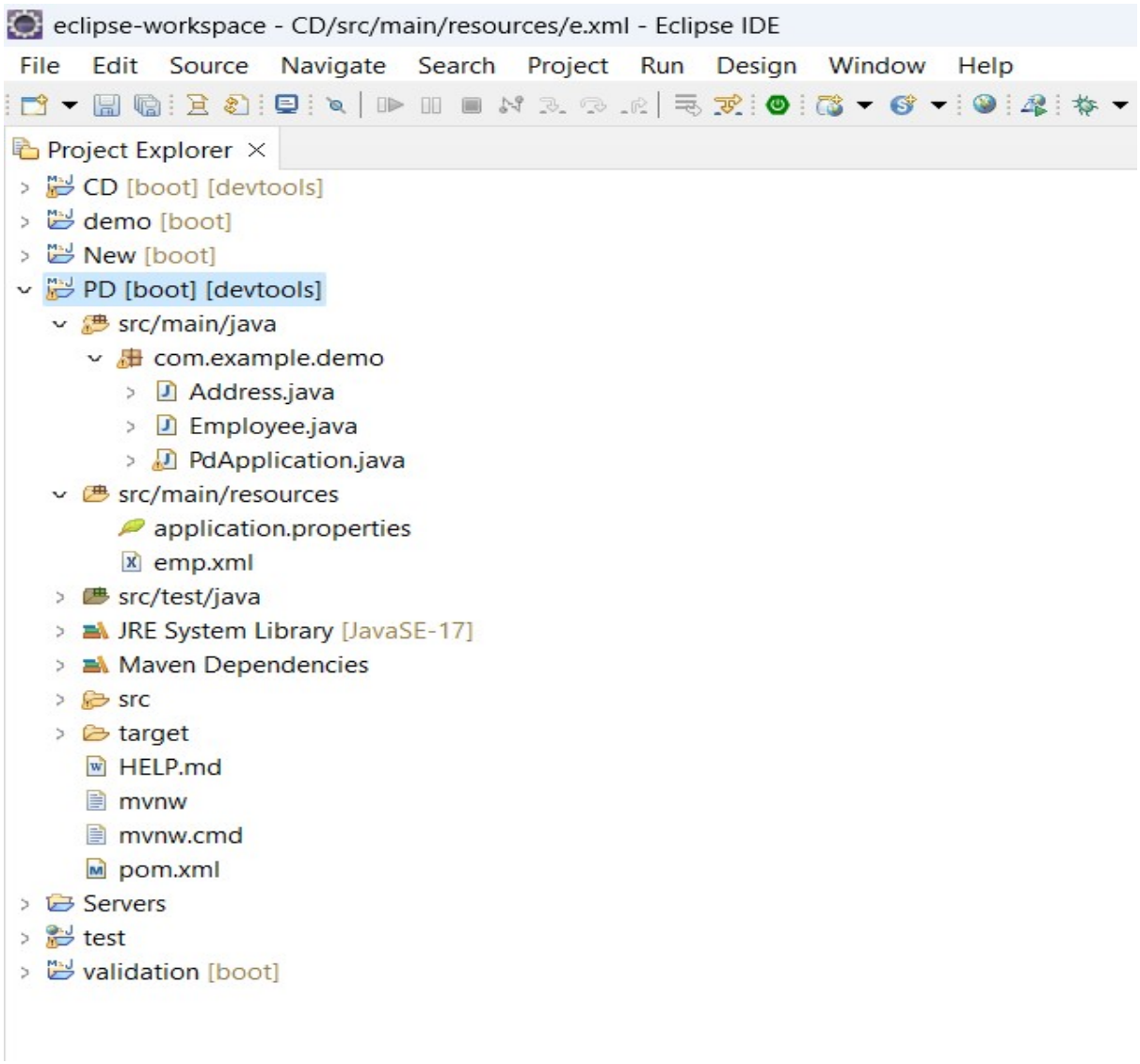
PdApplication.java

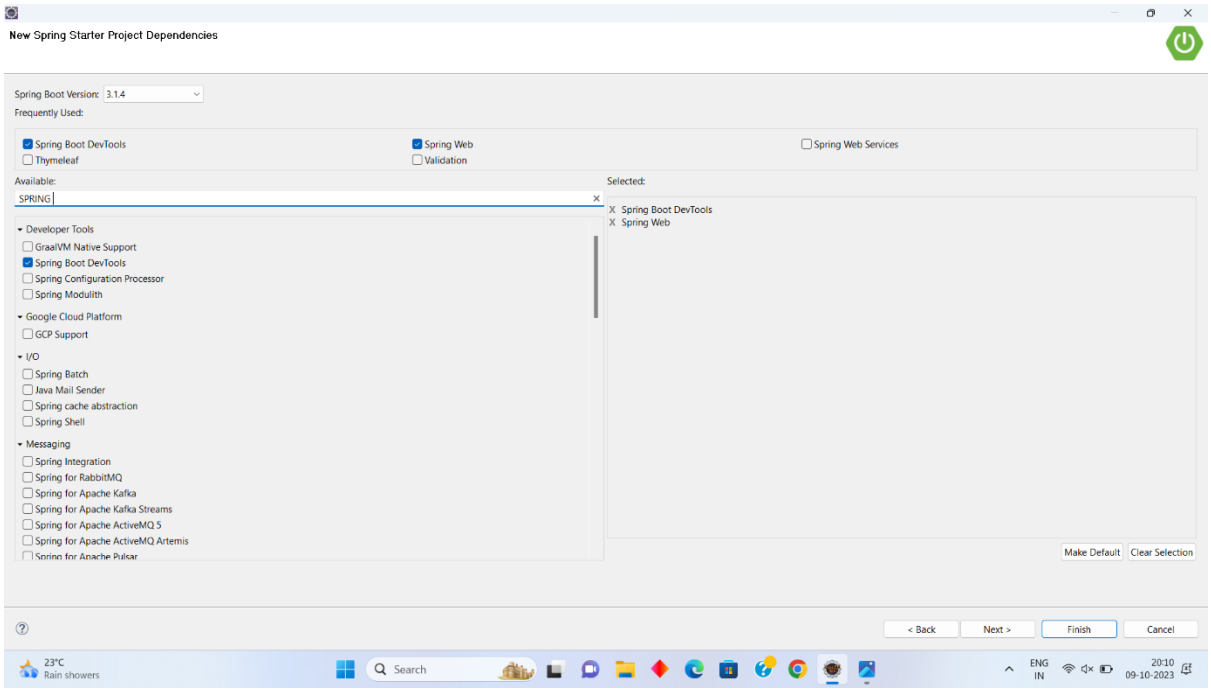
```
package com.example.demo;
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.context.support.ClassPathXmlApplicationContext;

@SpringBootApplication
public class PdApplication
{
        public static void main(String[] args)
        {
```

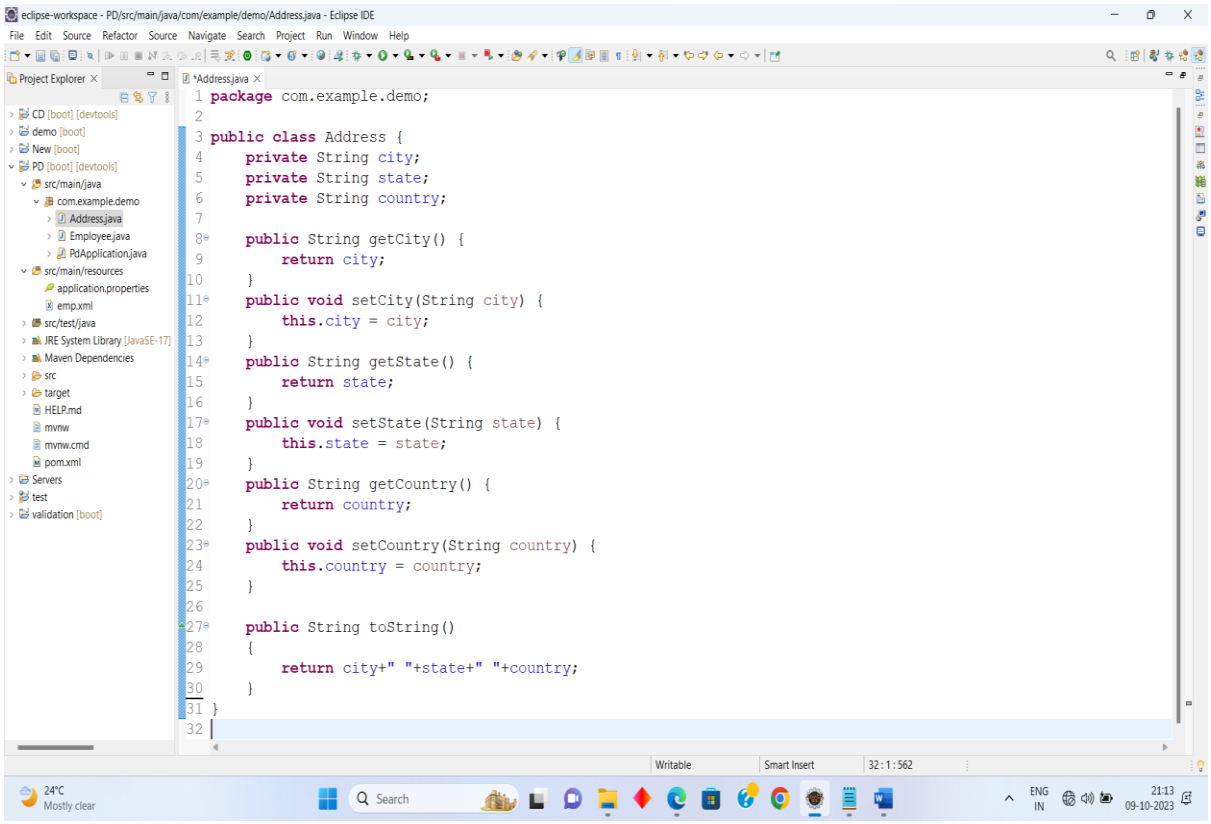
```
                //SpringApplication.run(Pd1Application.class, args);
        ClassPathXmlApplicationContextcontext=new
ClassPathXmlApplicationContext("emp.xml");
        System.out.println(context.getBean("e1"));
        }
}
```

Emp.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.xsd">
<bean id="a1" class="com.example.demo.Address">
<property name="city" value="Bengaluru"/>
<property name="state" value="Karnataka"/>
<property name="country" value="INDIA"/>
</bean>
<bean id="e1" class="com.example.demo.Employee">
<property name="id" value="30"/>
<property name="name" value="Tom"/>
<property name="address" ref="a1"/>
</bean>
</beans>
```


eclipse-workspace - CD/src/main/resources/e.xml - Eclipse IDE
File Edit Source Navigate Search Project Run Design Window Help
Project Explorer
CD [boot] [devtools]
demo [boot]
New [boot]
PD [boot] [devtools]
src/main/java
com.example.demo
Address.java
Employee.java
PdApplication.java
src/main/resources
application.properties
emp.xml
src/test/java
JRE System Library [JavaSE-17]
Maven Dependencies
src
target
HELP.md
mvnw
mvnw.cmd
pom.xml
Servers
test
validation [boot]


New Spring Starter Project Dependencies
Spring Boot Version: 3.1.4
Frequently Used:
Spring Boot DevTools
Thymeleaf
Spring Web
Validation
Spring Web Services
Available:
SPRING
Developer Tools
GraalVM Native Support
Spring Boot DevTools
Spring Configuration Processor
Spring Modulith
Google Cloud Platform
GCP Support
I/O
Spring Batch
Java Mail Sender
Spring cache abstraction
Spring Shell
Messaging
Spring Integration
Spring for RabbitMQ
Spring for Apache Kafka
Spring for Apache Kafka Streams
Spring for Apache ActiveMQ 5
Spring for Apache ActiveMQ Artemis
Selected:
X Spring Boot DevTools
X Spring Web
Make Default
Clear Selection
< Back
Next >
Finish
Cancel


eclipse-workspace - PD/src/main/java/com/example/demo/Address.java - Eclipse IDE
File Edit Source Refactor Source Navigate Search Project Run Window Help
Project Explorer
*Address.java
1 package com.example.demo;
2
3 public class Address {
4 private String city;
5 private String state;
6 private String country;
7
8 public String getCity() {
9 return city;
10 }
11 public void setCity(String city) {
12 this.city = city;
13 }
14 public String getState() {
15 return state;
16 }
17 public void setState(String state) {
18 this.state = state;
19 }
20 public String getCountry() {
21 return country;
22 }
23 public void setCountry(String country) {
24 this.country = country;
25 }
26
27 public String toString()
28 {
29 return city+" "+state+" "+country;
30 }
31 }
32
CD [boot] [devtools]
demo [boot]
New [boot]
PD [boot] [devtools]
src/main/java
com.example.demo
Address.java
Employee.java
PdApplication.java
src/main/resources
application.properties
emp.xml
src/test/java
JRE System Library [JavaSE-17]
Maven Dependencies
src
target
HELP.md
mvnw
mvnw.cmd
pom.xml
Servers
test
validation [boot]
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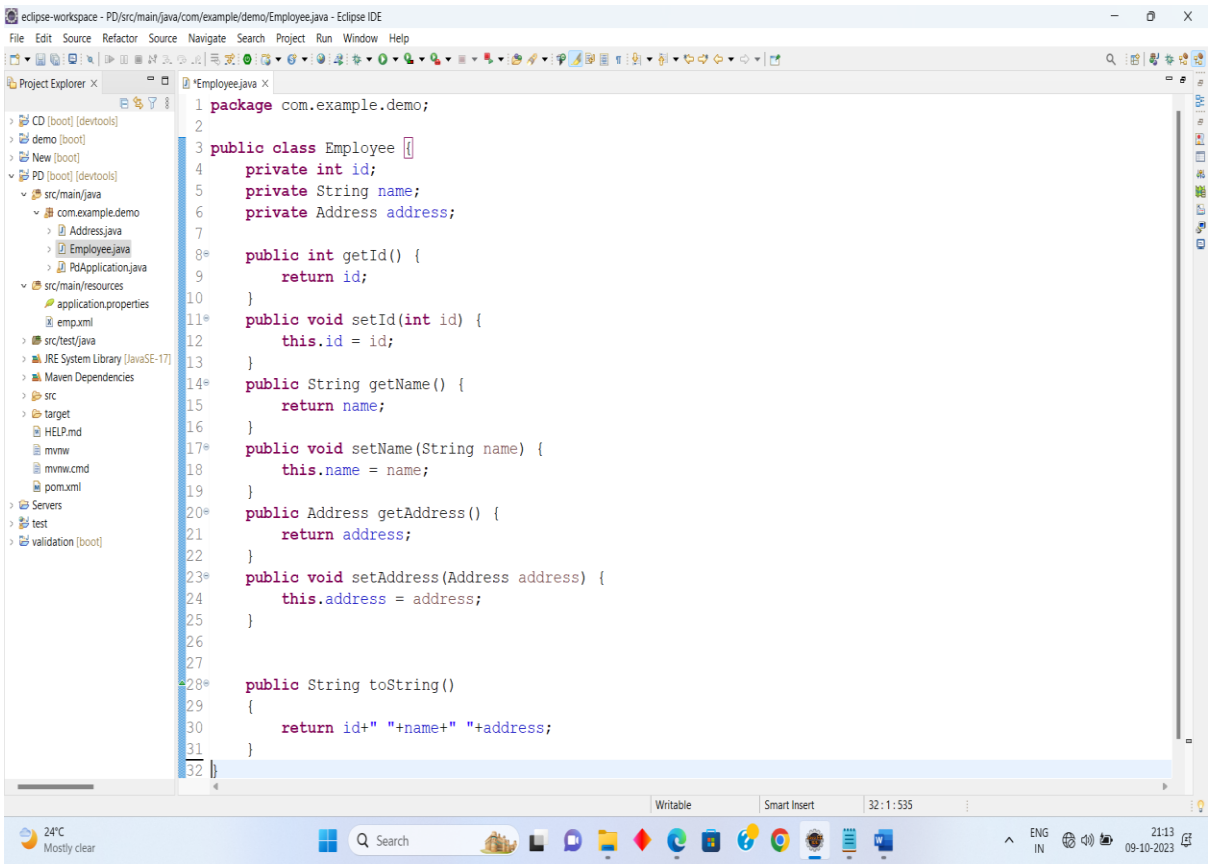
eclipse-workspace - PD/src/main/java/com/example/demo/Employee.java - Eclipse IDE
File Edit Source Refactor Source Navigate Search Project Run Window Help
Project Explorer
*Employee.java
1 package com.example.demo;
2
3 public class Employee {
4 private int id;
5 private String name;
6 private Address address;
7
8 public int getId() {
9 return id;
10 }
11 public void setId(int id) {
12 this.id = id;
13 }
14 public String getName() {
15 return name;
16 }
17 public void setName(String name) {
18 this.name = name;
19 }
20 public Address getAddress() {
21 return address;
22 }
23 public void setAddress(Address address) {
24 this.address = address;
25 }
26
27
28 public String toString()
29 {
30 return id+" "+name+" "+address;
31 }
32 }
CD [boot] [devtools]
demo [boot]
New [boot]
PD [boot] [devtools]
src/main/java
com.example.demo
Address.java
Employee.java
PdApplication.java
src/main/resources
application.properties
emp.xml
src/test/java
JRE System Library [JavaSE-17]
Maven Dependencies
src
target
HELP.md
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pom.xml
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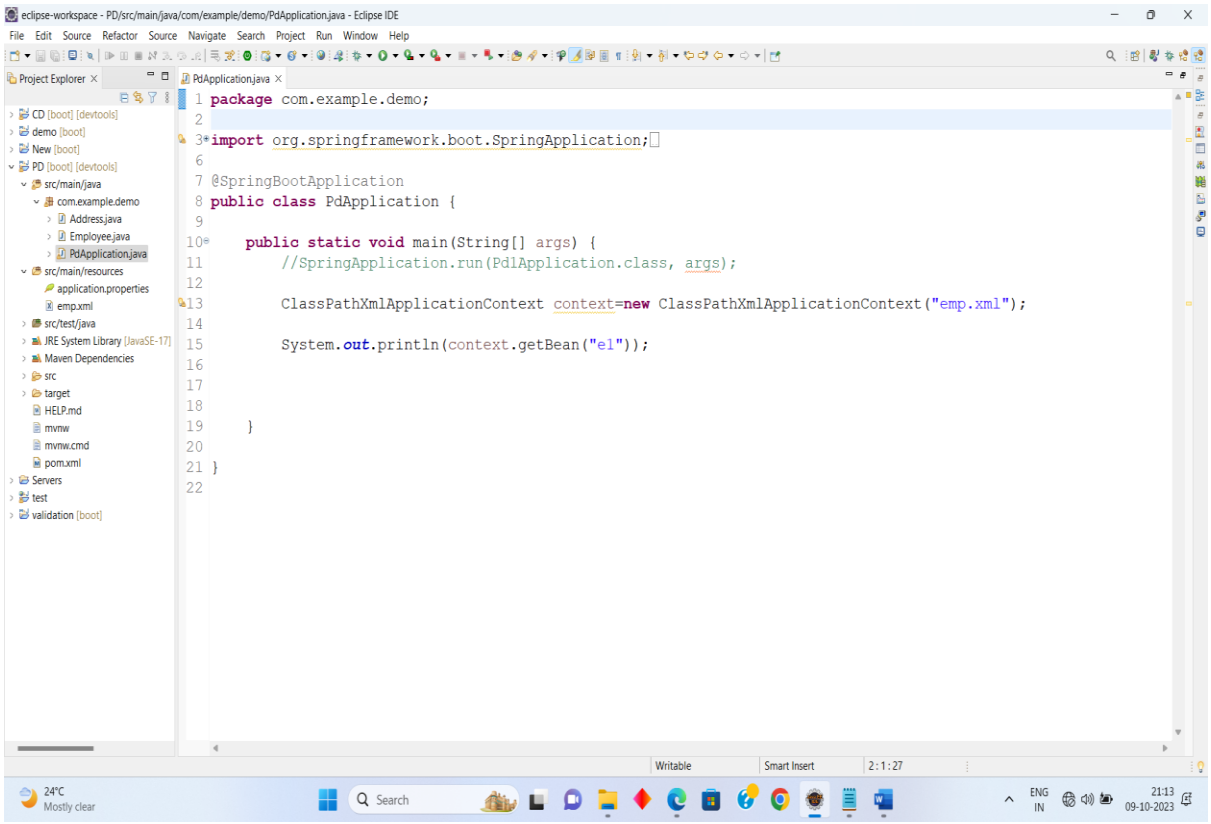
eclipse-workspace - PD/src/main/java/com/example/demo/PdApplication.java - Eclipse IDE
File Edit Source Refactor Source Navigate Search Project Run Window Help
Project Explorer
PdApplication.java
1 package com.example.demo;
3 import org.springframework.boot.SpringApplication;
7 @SpringBootApplication
8 public class PdApplication {
10 public static void main(String[] args) {
11 //SpringApplication.run(PdlApplication.class, args);
13 ClassPathXmlApplicationContext context=new ClassPathXmlApplicationContext("emp.xml");
15 System.out.println(context.getBean("e1"));
19 }
21 }
Writable
Smart Insert
2 : 1 : 27
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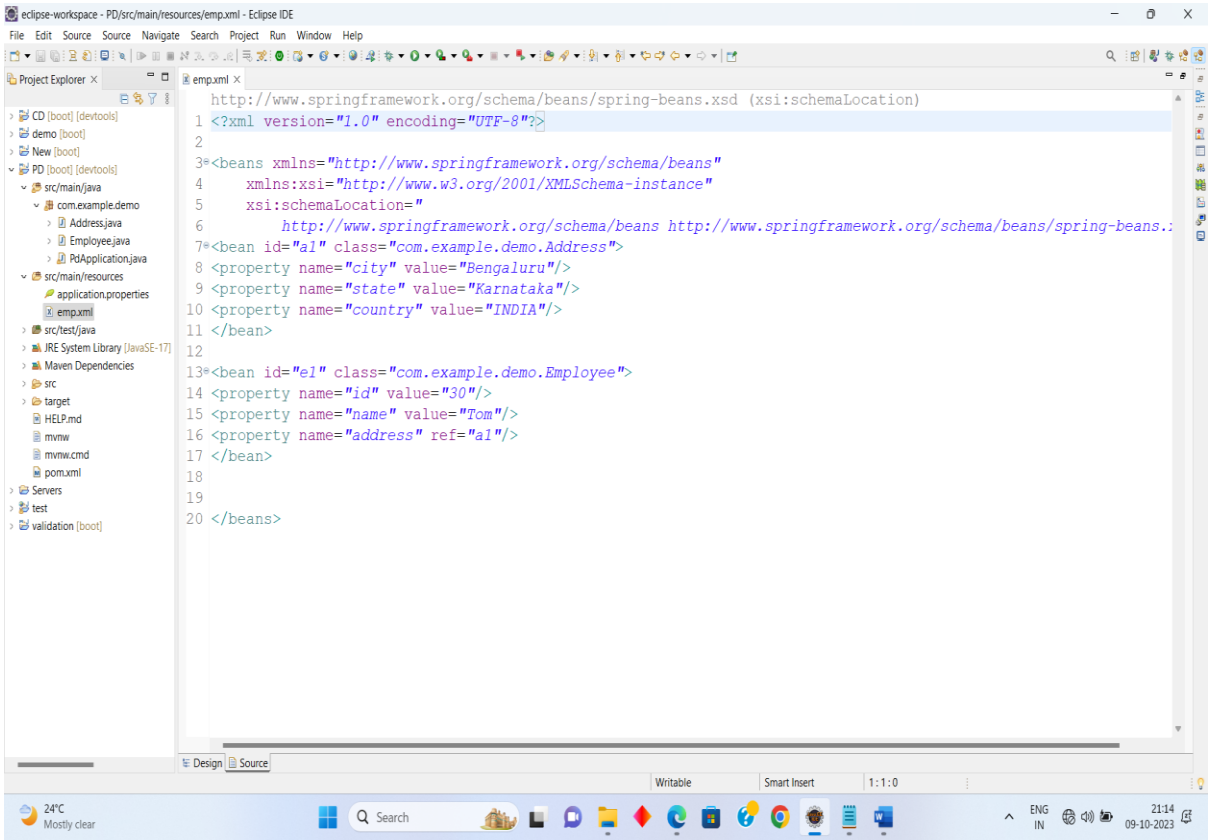
Mostly clear
Search
ENG
IN
21:13
09-10-2023


eclipse-workspace - PD/src/main/resources/emp.xml - Eclipse IDE
File Edit Source Source Navigate Search Project Run Window Help
Project Explorer
emp.xml
http://www.springframework.org/schema/beans/spring-beans.xsd (xsi:schemaLocation)
1 <?xml version="1.0" encoding="UTF-8"?>
3 <beans xmlns="http://www.springframework.org/schema/beans"
4 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5 xsi:schemaLocation="
6 http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans.
7 <bean id="a1" class="com.example.demo.Address">
8 <property name="city" value="Bengaluru"/>
9 <property name="state" value="Karnataka"/>
10 <property name="country" value="INDIA"/>
11 </bean>
13 <bean id="e1" class="com.example.demo.Employee">
14 <property name="id" value="30"/>
15 <property name="name" value="Tom"/>
16 <property name="address" ref="a1"/>
17 </bean>
20 </beans>
Design
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1 : 1 : 0
24°C
Mostly clear
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ENG
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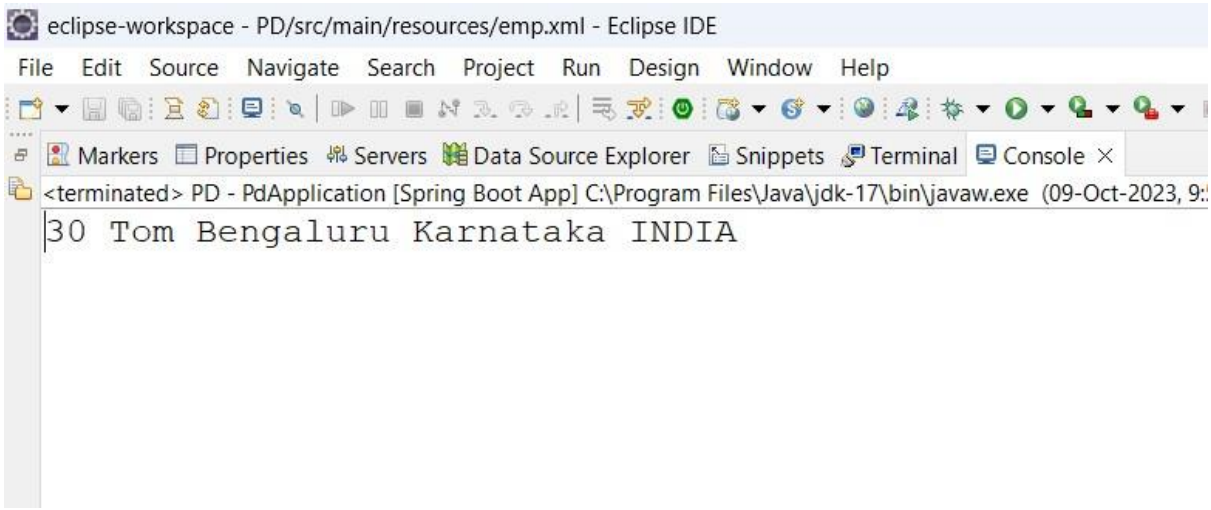
09-10-2023

Output:-


eclipse-workspace - PD/src/main/resources/emp.xml - Eclipse IDE
File Edit Source Navigate Search Project Run Design Window Help
Markers Properties Servers Data Source Explorer Snippets Terminal Console
<terminated> PD - PdApplication [Spring Boot App] C:\Program Files\Java\jdk-17\bin\javaw.exe (09-Oct-2023, 9:
30 Tom Bengaluru Karnataka INDIA