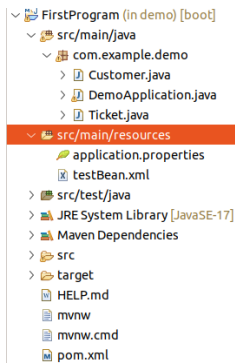program 1: create the project and classes as defined in the structure

Creation of the Bean:

```java
package com.example.demo;

public class Customer {
	String name, address;
	Ticket tick;
	public Ticket getTick() {
		return tick;
	}
	public void setTick(Ticket tick) {
		this.tick = tick;
	}
	public String getName() {
		return name;
	}
	public void setName(String name) {
		this.name = name;
	}
	public String getAddress() {
		return address;
	}
	public void setAddress(String address) {
		this.address = address;
	}
}
```

Ticket Bean class:

```java
package com.example.demo;

public class Ticket {
	int ticno,price,seatno;
	String ticktype;
	public int getTicno() {
		return ticno;
	}
	public void setTicno(int ticno) {
		this.ticno = ticno;
	}
	public int getPrice() {
		return price;
	}
	public void setPrice(int price) {
		this.price = price;
	}
	public int getSeatno() {
		return seatno;
	}
	public void setSeatno(int seatno) {
		this.seatno = seatno;
	}
	public String getTicktype() {
		return ticktype;
	}
	public void setTicktype(String ticktype) {
		this.ticktype = ticktype;
	}
}
```

Demo or Main Class:
```java
package com.example.demo;
//imports

@SpringBootApplication
public class DemoApplication {
```

```java
public static void main(String[] args) {
    Scanner sc = new Scanner(System.in);
    SpringApplication.run(DemoApplication.class, args);
    ApplicationContext ac = new ClassPathXmlApplicationContext("testBean.xml");
    Customer c = (Customer) ac.getBean("customer");
    Ticket t = (Ticket) c.getTick();
    while(true) {
        System.out.println("1. insert the details\n 2. Display details \n"
                + "3. exit");
        System.out.println("enter the choice");
        int a = sc.nextInt();
        switch(a) {
            case 1:
                System.out.println("enter the customer name");
                c.setName(sc.next());
                System.out.println("enter the customer address");
                c.setAddress(sc.next());
                System.out.println("enter the ticket number");
                t.setTicno(sc.nextInt());
                System.out.println("enter the ticket seat no");
                t.setSeatno(sc.nextInt());
                System.out.println("enter the ticket price");
                t.setPrice(sc.nextInt());
                System.out.println("enter the ticket Type -
economic/gold/platinum");

                t.setTicktype(sc.next());
                c.setTick(t);
                System.out.println("thanks for input");
                break;
            case 2:
                System.out.println("Customer Details:");
                System.out.println("Name:"+c.getName()+" "+"
Address:"+c.getAddress());

                System.out.println("Ticket Details");
                t = c.getTick();
                System.out.println("Ticket No: "+t.getTicno());
                System.out.println("Ticket Type: "+t.getTicktype());
                System.out.println("Ticket Seat No: "+t.getSeatno());
                System.out.println("Ticket Price: "+t.getPrice());
                break;
            case 3:
                System.exit(0);
        }
    }
}
}
```

TeamBean.xml

```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"
```

```xml
        xsi:schemaLocation="http://www.springframework.org/schema/beans
               https://www.springframework.org/schema/beans/spring-beans.xsd">

    <bean id="customer"
    class="com.example.demo.Customer"
    scope="prototype">
        <property name="tick" ref="ticket"></property>
    </bean>

    <bean id="ticket" class="com.example.demo.Ticket" scope="prototype"/>
</beans>
```

--------------------------------end of the program--