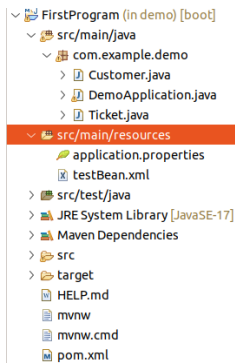


program 1: create the project and classes as defined in the structure



Creation of the Bean:

```
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:

```
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:

```
package com.example.demo;  
//imports
```

```
@SpringBootApplication  
public class DemoApplication {
```

```

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 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
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-----