

## 8 and 9 program

### Index.jsp

```
<body>
<form action="display">
item id: <input type="text" name="id">
item name:<input type="text" name="name">
item price:<input type="text" name="price">
<input type="submit" value="submit">

</form>

</body>
```

### Display.jsp

```
<body>
${id}
${name}
${price}
</body>
```

error.jsp

```
${err}
```

# springervlet in that give the package name

Runner.java

```
package model;
```

```
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestParam;
```

```
@Controller
```

```
public class Runner {
```

```
    @RequestMapping("/")
    public String index() {
        return "index";
    }
```

```
    @RequestMapping("/display")
    public String display(@RequestParam String id,@RequestParam
String name,@RequestParam String price, Model model ) {
```

```

        if(name.length()<5) {
model.addAttribute("err","name length should be grater then 5");
        return "error";
    }
        else if(id.length()<5) {
model.addAttribute("err","id length should be grater then 5");
        return "error";

    }

        else if(price.length()<5) {
model.addAttribute("err","id length should be grater then 5");
        return "error";

    }

    }

    else {
        model.addAttribute("id",id);
        model.addAttribute("name",name);
        model.addAttribute("price",price);
        return "display";
    }

}

}

```

## PROGRAM 06

We create new JP then add jar files to build path

Create 4 Java class:

Student(String name,usn.int sem.Marks marks),

Marks(int intno, int t1,t2,t3,a1,a2,q1,q2,tm), Bean,

Runner..

Write **public int calculate** in Marks class

Student.java

```
package program;
```

```

public class Student {
    String name,usn;
    int sem;
    Marks marks;
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    public String getUsn() {

```

```

        return usn;
    }
    public void setUsn(String usn) {
        this.usn = usn;
    }
    public int getSem() {
        return sem;
    }
    public void setSem(int sem) {
        this.sem = sem;
    }
    public Marks getMarks() {
        return marks;
    }
    public void setMarks(Marks marks) {
        this.marks = marks;
    }
    @Override
    public String toString() {
        return "Student [name=" + name + ", usn=" + usn + ",
sem=" + sem + ", marks=" + marks + "]";
    }
}

```

Marks.java:

```

package program;

public class Marks {
    int intno;
    int test1,test2,test3,ass1,ass2,quiz1,quiz2,totalmarks;
    public int getIntno() {
        return intno;
    }
    public void setIntno(int intno) {
        this.intno = intno;
    }
    public int getTest1() {
        return test1;
    }
    public void setTest1(int test1) {
        this.test1 = test1;
    }
    public int getTest2() {
        return test2;
    }
    public void setTest2(int test2) {

```

```

        this.test2 = test2;
    }
    public int getTest3() {
        return test3;
    }
    public void setTest3(int test3) {
        this.test3 = test3;
    }
    public int getAss1() {
        return ass1;
    }
    public void setAss1(int ass1) {
        this.ass1 = ass1;
    }
    public int getAss2() {
        return ass2;
    }
    public void setAss2(int ass2) {
        this.ass2 = ass2;
    }
    public int getQuiz1() {
        return quiz1;
    }
    public void setQuiz1(int quiz1) {
        this.quiz1 = quiz1;
    }
    public int getQuiz2() {
        return quiz2;
    }
    public void setQuiz2(int quiz2) {
        this.quiz2 = quiz2;
    }
    public int getTotalmarks() {
        return totalmarks;
    }
    public void setTotalmarks(int totalmarks) {
        this.totalmarks = totalmarks;
    }
    @Override
    public String toString() {
        return "Marks [intno=" + intno + ", test1=" + test1 + ",
test2=" + test2 + ", test3=" + test3 + ", ass1=" + ass1
        + ", ass2=" + ass2 + ", quiz1=" + quiz1 + ",
quiz2=" + quiz2 + ", totalmarks=" + totalmarks + "];"
    }
    public int Calculate(){
        int cal =
(test1+test2+test3)/3+(ass1+ass2)+(quiz1+quiz2);
        return cal;
    }

```

```
    }  
}
```

Runner.java

```
package program;  
  
import java.util.Scanner;  
  
import org.springframework.context.ApplicationContext;  
import  
org.springframework.context.annotation.AnnotationConfigApp  
licationContext;  
  
public class Runner {  
    public static void main (String[]args) {  
        ApplicationContext ac = new  
AnnotationConfigApplicationContext(configure.class);  
  
        Marks m=ac.getBean(Marks.class);  
        Student s=ac.getBean(Student.class);  
  
        Scanner sc= new Scanner(System.in);  
  
        System.out.println("Enter stud details");  
  
        System.out.println("enter stud usn");  
        s.setUsn(sc.next());  
  
        System.out.println("name");  
        s.setName(sc.next());  
  
        System.out.println("sem");  
        s.setSem(sc.nextInt());  
  
        System.out.println("enter ur test123");  
  
        m.setTest1(sc.nextInt());
```

```

        System.out.println("enter ur test1");
        m.setTest2(sc.nextInt());
        System.out.println("enter ur test2");
        m.setTest3(sc.nextInt());
        System.out.println("enter ur test3");
        m.setTest3(sc.nextInt());

        System.out.println("enter quiz2 and1");

        System.out.println("enter ur quiz1");
        m.setQuiz1(sc.nextInt());

        System.out.println("enter ur quiz2");
        m.setQuiz2(sc.nextInt());

        System.out.println("enter ass1 and ass2");

        System.out.println("enter ur Ass1");
        m.setAss1(sc.nextInt());

        System.out.println("enter ur Ass2");
        m.setAss2(sc.nextInt());

        System.out.println(s.toString());

    }

}

```

Bean.java

```

package program;

import org.springframework.context.annotation.Bean;
import
org.springframework.context.annotation.Configuration;

@Configuration

```

```

public class Bean {
    @Bean
    public Student get_Student() {
        Student s = new Student();
        s.setMarks(get_Marks());
        return s;
    }

    @Bean
    public Marks get_Marks() {
        return new Marks();
    }
}

```

### Peogram 05

In that we create 3 java class and 1 xml class

Ticket( int tid String name)

Customer(int cid String desc)

Runner is the main class

Runner.java

```
package program;
```

```
import java.util.Scanner;
```

```
import org.springframework.context.ApplicationContext;
```

```
import
```

```
org.springframework.context.support.ClassPathXmlApplication
nContext;
```

```
public class Runner{
```

```
    public static void main (String[]args) {
```

```
        Scanner sc=new Scanner(System.in);
```

```
        ApplicationContext ac=new
```

```
ClassPathXmlApplicationContext("beans.xml");
```

```
        Customer c=ac.getBean("Cust",Customer.class);
```

```
        System.out.println("ENTER customer id and name");
```

```
        int cid=sc.nextInt();
```

```
        String name=sc.next();
```

```
c.setCid(cid);  
c.setName(name);
```

```
Ticket t=ac.getBean("tick",Ticket.class);  
System.out.println("ENTER ticket tid and name");  
int tid=sc.nextInt();  
String desc=sc.next();  
t.setTid(tid);  
t.setDesc(desc);  
System.out.println(c.toString());  
System.out.println(t.toString());
```

```
}
```

```
}
```

Customer.java

```
package program;
```

```
public class Customer {  
    int cid;  
    String name;  
  
    @Override  
    public String toString() {  
        return "Customer [cid=" + cid + ", name=" + name + "]";  
    }  
  
    public int getCid() {  
        return cid;  
    }  
  
    public void setCid(int cid) {  
        this.cid = cid;  
    }  
  
    public String getName() {  
        return name;  
    }  
}
```



```

        public void setName(String name) {
            this.name = name;
        }

    }

```

Ticket.java

```

package program;

public class Ticket {
    int tid;
    String desc;
    Customer c;
    public int getTid() {
        return tid;
    }
    public void setTid(int tid) {
        this.tid = tid;
    }
    public String getDesc() {
        return desc;
    }
    public void setDesc(String desc) {
        this.desc = desc;
    }
    public Customer getC() {
        return c;
    }
    public void setC(Customer c) {
        this.c = c;
    }
    @Override
    public String toString() {
        return "Ticket [tid=" + tid + ", desc=" + desc + ", c=" +
c + "]\n";
    }

}

```

## Beans.xml

```
<bean id="Cust" class="program.Customer">
    <!-- collaborators and configuration for this bean go here -->
</bean>

<bean id="tick" class="program.Ticket">
<property name="c" ref="Cust"></property>
    <!-- collaborators and configuration for this bean go here -->
</bean>
```