



Your Name

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1st Line of Your Organization

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Spring-mvc step3

Course Name

More Description About the Course

2005-12-31

Lecture Outline

- TDD – Test driven development, tests first, devel second
 - Test Oriented Development (TOD) – looser interpretation of TDD
 - TOD – test are part of development process
 - quality of tests is always higher when they are written at around the same time as the code that is being developed [TDD developers]
- Domain objects, implementing business logic
- Class related to web tier
- Service, domain packages

It's domain object

```
package springapp.domain;
import java.io.Serializable;
public class Product implements Serializable {
    private String description;
    private Double price;
    public String getDescription() {    return description;    }
    public void setDescription(String description) {    this.description = description;    }
    public Double getPrice() {    return price;    }
    public void setPrice(Double price) {    this.price = price;    }
    public String toString() {
        StringBuffer buffer = new StringBuffer();
        buffer.append("Description: " + description + ";");
        buffer.append("Price: " + price);
        return buffer.toString();
    }
}
```

Service – Product Manager

Responsible for handling products

```
package springapp.service;  
import java.io.Serializable;  
import java.util.List;  
import springapp.domain.Product;  
public interface ProductManager extends Serializable{  
    public void increasePrice(int percentage);  
    public List<Product> getProducts();  
}
```


Service - SimpleProductManager

```
package springapp.service;
import java.util.List;
import springapp.domain.Product;
public class SimpleProductManager implements ProductManager {
    public List<Product> getProducts() {
        throw new UnsupportedOperationException();
    }
    public void increasePrice(int percentage) {
        throw new UnsupportedOperationException();
    }
    public void setProducts(List<Product> products) {
        throw new UnsupportedOperationException();
    }
}
```

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