

17-05-23

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IT22005

```
class InvalidAgeException extends Exception {  
    public InvalidAgeException (String message) {  
        super(message);  
    }  
}
```

```
class InvalidDepartmentException extends Exception {  
    public InvalidDepartmentException (String message) {  
        super(message);  
    }  
}
```

```
public class Test {
```

```
    public static void validAge(int age) {
```

```
        throws InvalidAgeException {
```

```
            if (age < 18)
```

```
                throw new InvalidAgeException ("Age must be 18  
                above.");  
            }  
        }
```

```
system.out.println("Valid age: " + age);
```

```
}
```

```
public static void validateDepartment(String dept)
```

```
throws InvalidDepartmentException {
```

```
    if (!dept.equalsIgnoreCase("JCT")) {
```

```
        throw new InvalidDepartmentException("Only JCT.");
```

```
    }
```

```
    System.out.println("Valid department: " + dept);
```

```
}
```

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

```
    try {
```

```
        validAge(20);
```

```
        validateDepartment("Textile");
```

```
    }
```

```
    catch (InvalidAgeException e) {
```

```
        System.out.println("Caught Age Exception: " + e.getMessage());
```

```
    }
```

```
    catch (InvalidDepartmentException e) {
```

```
        System.out.println("Caught Dept. Exception: " + e.getMessage());
```

```
    }
```

```
    finally {
```

```
        System.out.println("End of validation.");
```

```
    } }
```