

```
module  
package com.exception;
```

```
public class InvalidAgeException extends Exception {
```

```
    public InvalidAgeException(String m) {  
        super(m);  
    }
```

```
package com.exception;
```

```
public class InvalidDeptException extends Exception {
```

```
    public InvalidDeptException(String m) {  
        super(m);  
    }
```

```
module exception.module {
```

```
    exports com.exception; // exports exception_module  
    package
```

```
}
```

```
module main.portion { // imports the exception_module
    requires exception_module; in main_portion module
}
```

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

```
public class Exep{
```

```
    public static void validate (int age, string dept) throws
```

```
        InvalidAgeException, InvalidDeptException{
```

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

```
            throw new InvalidAgeException("Invalid Age.");
```

```
        }
```

```
        if (!dept.equals("ICT")){
```

```
            throw new InvalidDeptException("Invalid dept.");
```

```
        }
```

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

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

```
    }
```

```
public static void main(String args[]) {  
    Scanner sc = new Scanner(System.in);  
    System.out.println("Enter age: ");  
    int age = sc.nextInt();  
    sc.nextLine();  
    System.out.println("Enter dept: ");  
    String dept = sc.nextLine();  
    try {  
        validate(age, dept);  
    }  
    catch (InvalidAgeException e) {  
        System.out.println("Age exception: " + e.getMessage());  
    }  
    catch (InvalidDeptException d) {  
        System.out.println("Dept exception: " + e.getMessage());  
    }  
    }  
}
```