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IT-22056

Exception Handling

```
import java.util.*;
class Student ext extends Exception {
    public Student (String message) {
        super (message);
    }
}

public class StudentValidator {
    public static

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

public class StudentValidator {
    public static void main (String [] args) {
        Scanner sc = new Scanner (System.in);
        boolean hasError = false;

        try {
            System.out.print ("Enter age : ");
            int age = sc.nextInt ();
            sc.nextLine ();

            System.out.print ("Enter department : ");
            String department = sc.nextLine ();

            try {
                if (age < 18) {
                    hasError = true;
                    throw new Student ("Age must be 18 or
                }
            }
        }
    }
}
```

```
catch (Student e) {  
    System.out.println("Exception: " + e.getMessage());  
}
```

```
try {  
    if (!department.equalsIgnoreCase("ICT")) {  
        hasError = true;  
        throw new Invalid Department("Dept. must be ICT");  
    }  
}
```

```
catch (Department e) {  
    System.out.println("Exception: " + e.getMessage());  
}
```

```
if (!hasError) {  
    System.out.println("Valid");  
}
```

```
finally {  
    sc.close();  
    System.out.println("Validation completed");  
}  
}  
}
```