IT-22092
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Exception Handling using module & package

```
package exception;
public class InvalidException extends Exception{
public InvalidException (string m) {
        super (m);
  }
}
```

```
package exception;
public class InvalidDepartmentException extends Exception
{public InvalidDepartment Exception (string m)
  { super (m);
  }
}
```

```
package validation;
import exception. InvalidException;
import exception. InvalidDepartmentException;
public class student validator {
public static void validateStudent (int age, string
                                    Department)
```

```
throws InvalidException, InvalidDepartmentException {
    if (age<18){
    throw new InvalidException ("Age must be above 18");
  }
  if(!department.equalsIgnoreCase ("ICT")){
  throw new.InvalidDepartmentException ("Dept must be
  ICT");}
  System.out.println("student is valid:");
 }
}
```

```
import java.util.Scanner;
import exception.InvalidException;
import exception.InvalidDepartmentException;
import validation.studentvalidator;
public class Mainapp{
public static void main(String[]args){
Scanner sc = new Scanner (System.in);
try{
   System.out.print ("Enter age:");
   int age = sc.nextInt();
```

```
        sc.nextLine();
        System.out.println("Enter department:");
        String department = sc.nextLine();
        StudentValidator.validateStudent(age, department);
    }
    catch (InvalidException | InvalidDepatmentException e)
    {
        System.out.print("validation error:" + e.getmessage());
    }
    catch (exception e){
        System.err.println("Unexpected error:" + e.
            getmessage());
    }
    finally { sc.close();
    }
  }
}
```