```
import java.util.Scanner;
class InvalidAgeException extends Exception{
    public InvalidAgeException(String message){
        super(message);
    }
}
class InvalidDepartmentException extends Exception{
    public InvalidDepartmentException(String message){
        super(message);
    }
}
public class StudentCheck{
    public static void main(String[] args){
        Scanner scanner = new Scanner(System.in);
        try{
            System.out.print("Enter age: ");
            int age = scanner.nextInt();
            scanner.nextLine();
            if(age<18){
                throw new InvalidAgeException("Age must be 18 or above.");
            }
```

D.T.O

```
System.out.print("Enter department: ");
String department = scanner.nextLine();
if(!department.equalsIgnoreCase("ICT")){
throw new InvalidDepartmentException("Dept.
    must be ICT");
}

System.out.println("Student accepted: Age: "+age
    +", Department: "+department);
}
catch(InvalidAgeException | InvalidDepartmentException
    e){
    System.out.println("Validation Error: "+
    e.getMessage());
}
catch(Exception e){
    System.out.println("Unexpected Error: "+
    e.getMessage());
}finally{
    scanner.close();
}
}
}
```

Package:

① validation/InvalidAgeException.java:

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

② validation/InvalidDeptException.java:

```
package validation;
public class InvalidDeptException extends Exception {
    public InvalidDeptException(String message) {
        super(message);
    }
}
```

③ validation/AgeValidator.java:

```
package validation;
public class AgeValidator {
    public static void validate(int age) throws InvalidAg
                                                  Excepti
    if(age < 18 || age > 60) {
        throw new InvalidAgeException("Age must be betwee
                  18 and 60. Given: " + age);
    }
}
```

④ Validation/DeptValidator.java:

```
package validation;
import java.util.Arrays;
import java.util.List;
public class DeptValidator {
    public static void validate(String dept) throws
                                InvalidDeptException {
        if (!"ICT".equalsIgnoreCase(dept)) {
            throw new InvalidDeptException("Invalid department:
                    + dept + ". Only ICT is allowed");
        }
    }
}
```

⑤ Main.java:

```
Package main;
import validation.AgeValidator;
import validation.DeptValidator;
import validation.InvalidAgeException;
import validation.InvalidDeptException;
import java.util.Scanner;
```

p.T.O

```
public class main{
  public static void main (String [] args) {
    Scanner scanner = new Scanner(System.in);
  try {
    System.out.print ("Enter age : ");
    int age = Integer.parseInt(scanner.nextLine());
    AgeValidator.validate (age);
  System.out.print ("Enter department
  ~~int age = Integer.parseInt (Scanner.nextLine());~~
  ~~AgeValidator.validate(age);~~
  String dept = scanner.nextLine();
  DeptValidator.validate(dept);
  System.out.println ("Validation successful!");
  } catch (InvalidAgeException | InvalidDeptException e){
  System.out.println ("Validation Error: " +e.getMessage());
  }catch (NumberFormatException e) {
    System.out.println ("Invalid input: Age must be a
                                        number.");
    }
  }
}
```