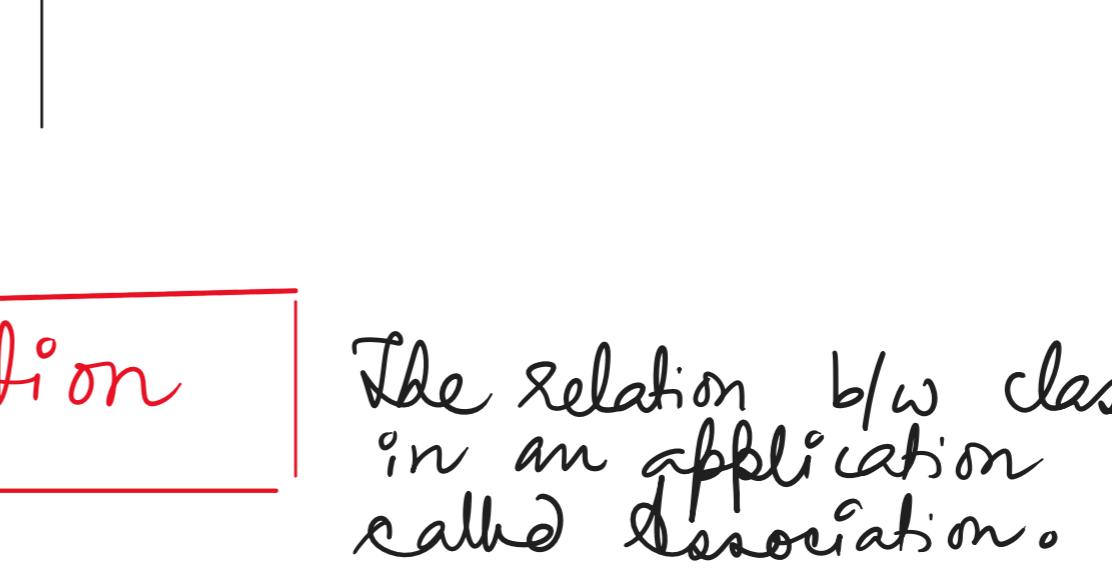


## Polymorphism:

- ① static | compile time | overloading | Some classes  
Can be performed in 2 ways:  
 a) Changing the no. of parameters  
 b) Changing the return type of the parameters
- ② dynamic | run time | overriding | Multiple classes

RBI → 6.5  
ICICI → 7.2  
HDFC → 8.1  
Poval → 6.9



## Association

The relation b/w classes in an application is called association.

HAS-A reln

Aggregation

Car | MP3 player

Loosely coupled

IS-A reln  
inheritance

Composition

Car | Engine

Tightly coupled

\* 3 classes { Parameterized Constructors } \* no extends keyword

Patient ✓ Payment ✓ Information ✓

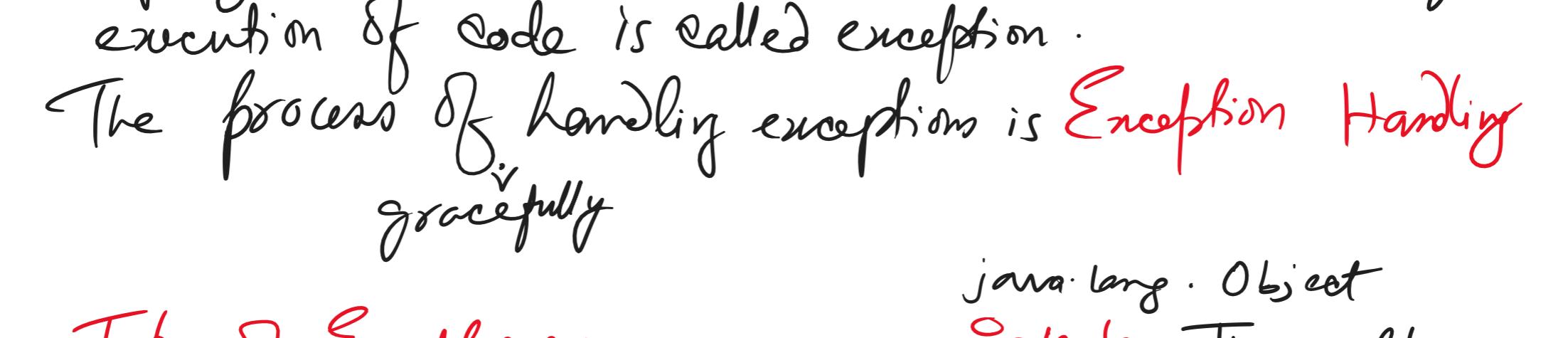
{ → patientName → admFees → blockNo  
 → patientAge → reqFee → floorNo  
 → dateOfArrival → balAmt → roomNo  
 → disease →      → bedNo

↳ method

↳ patientDetails() →

main() { All data }

{ displayed }

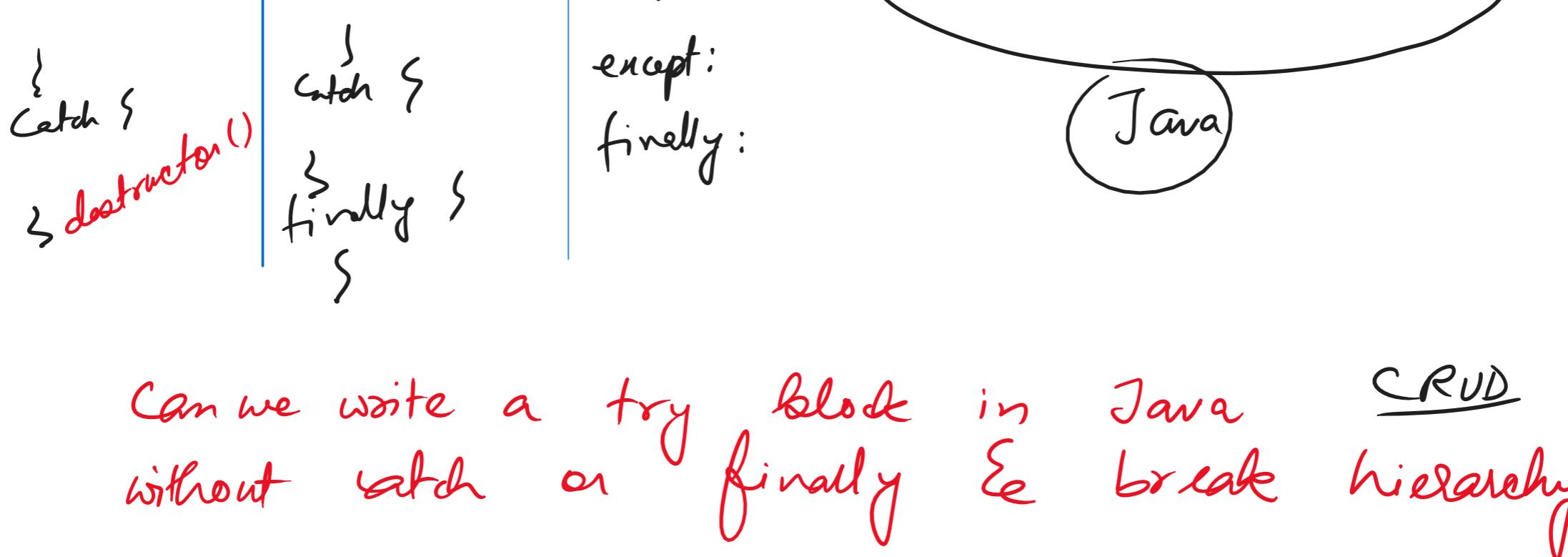


Anything that disturbs/disrupts the normal flow of execution of code is called exception.

The process of handling exceptions is Exception Handling

gracefully

## Types of Exceptions:



Can we write a try block in Java CRUD

without catch or finally & break hierarchy:

try  
catch  
finally

Yes: try with resource

\* the throws keyword is used to suppress the warning or exception in the method signature with catch block.

## File Handling: → CRUD operations on text files & folders