

[Exception Handling]

↳ on abnormal occurrence

Deal with problem

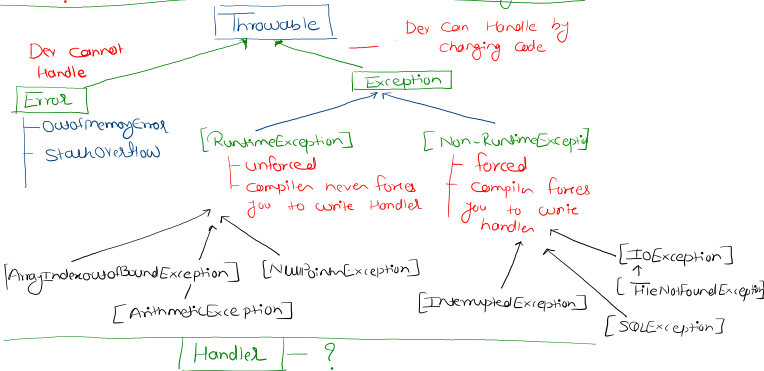
→ Application will get terminated abnormally
→ execution will be

hindered

Why Exception Handling - ? Robustness
Reliable

- 1) Abnormal termination of an application can be avoided
- 2) Customised user friendly msg
- 3) Rectification codes

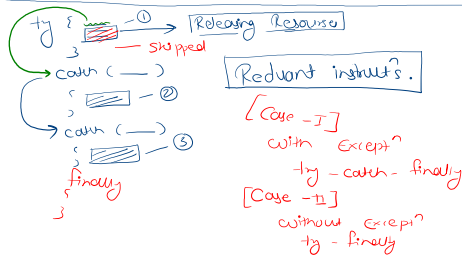
Default Package
java.lang



try {
 // code to be monitored
}
catch () {
 // code to display custom msg
 // Rectify the code
}
finally {
 // Release all the resources
}

① monitor
② Handler

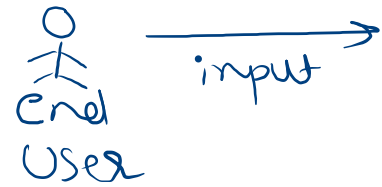
Though exceptⁿ is there it will be called
or even get called without exception



[Assignment]

- 1) Accept no from user & check whether no is odd no or even no.
- 2) Accept String from user & check whether String is palindrome String
Eg [MADAM]
- 3) Convert String to int
- " — int to String
- " — int to Integer Object
- " — Integer object to int
- 4) Demo assignment for try-catch-finally

public static void main [String args[]] ← end users input



name →
Sol
eno] — not a String

└─ Convert String to int
└─ Convert String to float

To Convert data from one data type to other data type — Classes — Wrapper classes

Primitives

int
float
double
long
short

boolean

Integer
Float
Double
Long
Short

Boolean