Exception Handling

• Exception handling provides a graceful way of handling exceptional cases and errors. The system will not crash when such exception happens. The control will be transferred to exception handling code, which will correct the problems, log the problems. The program can continue afterwards.
Exception handling syntax

try {
//normal statements
//resource acquisition statement. DB connection, network connection, etc.
}
catch(Exception e) {
//Exception handling statements
}
finally {
//resource release statement
}
Exception Handling

- Put the normal logic flow in try block.
- Put exception handling statements in catch block. There can be more than one catch block. Each is used to catch different kinds of exception. The last one can be used to catch all.
- finally block will almost always be called, except using System.exit in the try block, which will cause the program to terminate immediately.
ExceptionHandlingDemo
Demo MenuDemo.java
Demo SimpleAnimation.java