Java Nested try block

The try block within a try block is known as nested try block in java.

Why use nested try block

Sometimes a situation may arise where a part of a block may cause one error and the entire block itself may cause another error. In such cases, exception handlers have to be nested.

Syntax:

1. ....
2. **try**
3. {
4. statement 1;
5. statement 2;
6. **try**
7. {
8. statement 1;
9. statement 2;
10. }
11. **catch**(Exception e)
12. {
13. }
14. }
15. **catch**(Exception e)
16. {
17. }
18. ....

Java nested try example

Let's see a simple example of java nested try block.

1. **class** Excep6{
2. **public** **static** **void** main(String args[]){
3. **try**{
4. **try**{
5. System.out.println("going to divide");
6. **int** b =39/0;
7. }**catch**(ArithmeticException e){System.out.println(e);}
9. **try**{
10. **int** a[]=**new** **int**[5];
11. a[5]=4;
12. }**catch**(ArrayIndexOutOfBoundsException e){System.out.println(e);}
14. System.out.println("other statement);
15. }**catch**(Exception e){System.out.println("handeled");}
17. System.out.println("normal flow..");
18. }
19. }