

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:

```
....  
try  
{  
    statement 1;  
    statement 2;  
    try  
    {  
        statement 1;  
        statement 2;  
    }  
    catch(Exception e)  
    {  
    }  
}  
catch(Exception e)  
{  
}  
....
```

Java nested try example

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

```
class Excep6{  
    public static void main(String args[]){  
        try{  
            try{  
                System.out.println("going to divide");  
                int b =39/0;  
            }catch(ArithmeticException e){System.out.println(e);}   
  
            try{  
                int a[]=new int[5];  
                a[5]=4;  
            }catch(ArrayIndexOutOfBoundsException e)   
            {System.out.println(e);}   
  
            System.out.println("other statement");  
        }catch(Exception e){System.out.println("handeled");}  
  
        System.out.println("normal flow..");  
    }  
}
```

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