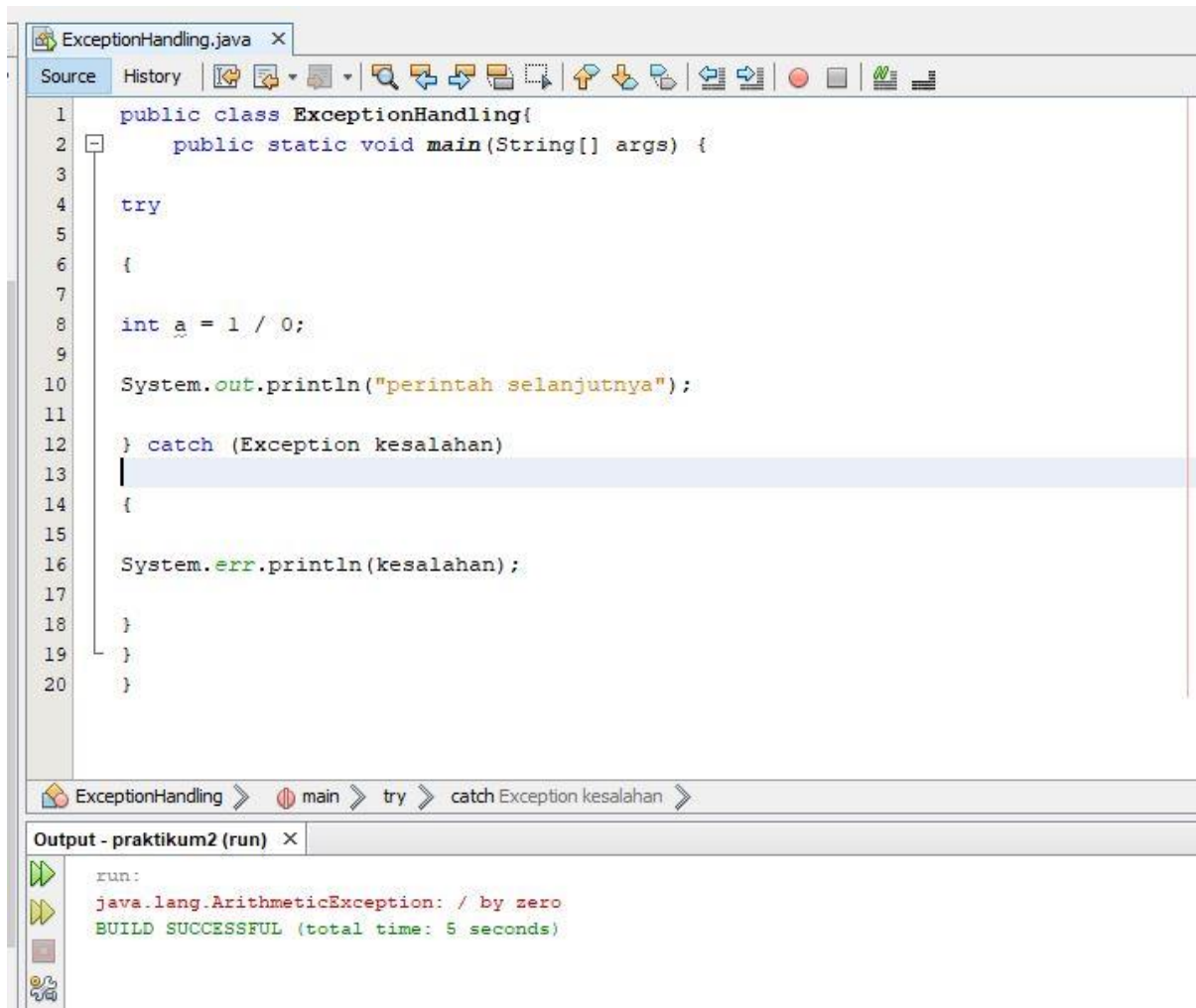


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Matkul : Pemrograman Berorientasi Objek (Sesi 11)

Trycatch1



The screenshot shows an IDE window titled "ExceptionHandling.java". The code defines a class `ExceptionHandler` with a `main` method. Inside `main`, a `try` block contains the statement `int a = 1 / 0;`, which intentionally causes a `java.lang.ArithmeticException`. The `catch` block, labeled `catch (Exception kesalahan)`, prints the exception message to the error stream using `System.err.println(kesalahan);`. The IDE's breadcrumb navigation shows the path: `ExceptionHandler` > `main` > `try` > `catch Exception kesalahan`. The output window at the bottom, titled "Output - praktikum2 (run)", displays the following text:

```
run:
java.lang.ArithmeticException: / by zero
BUILD SUCCESSFUL (total time: 5 seconds)
```

Trycatch2

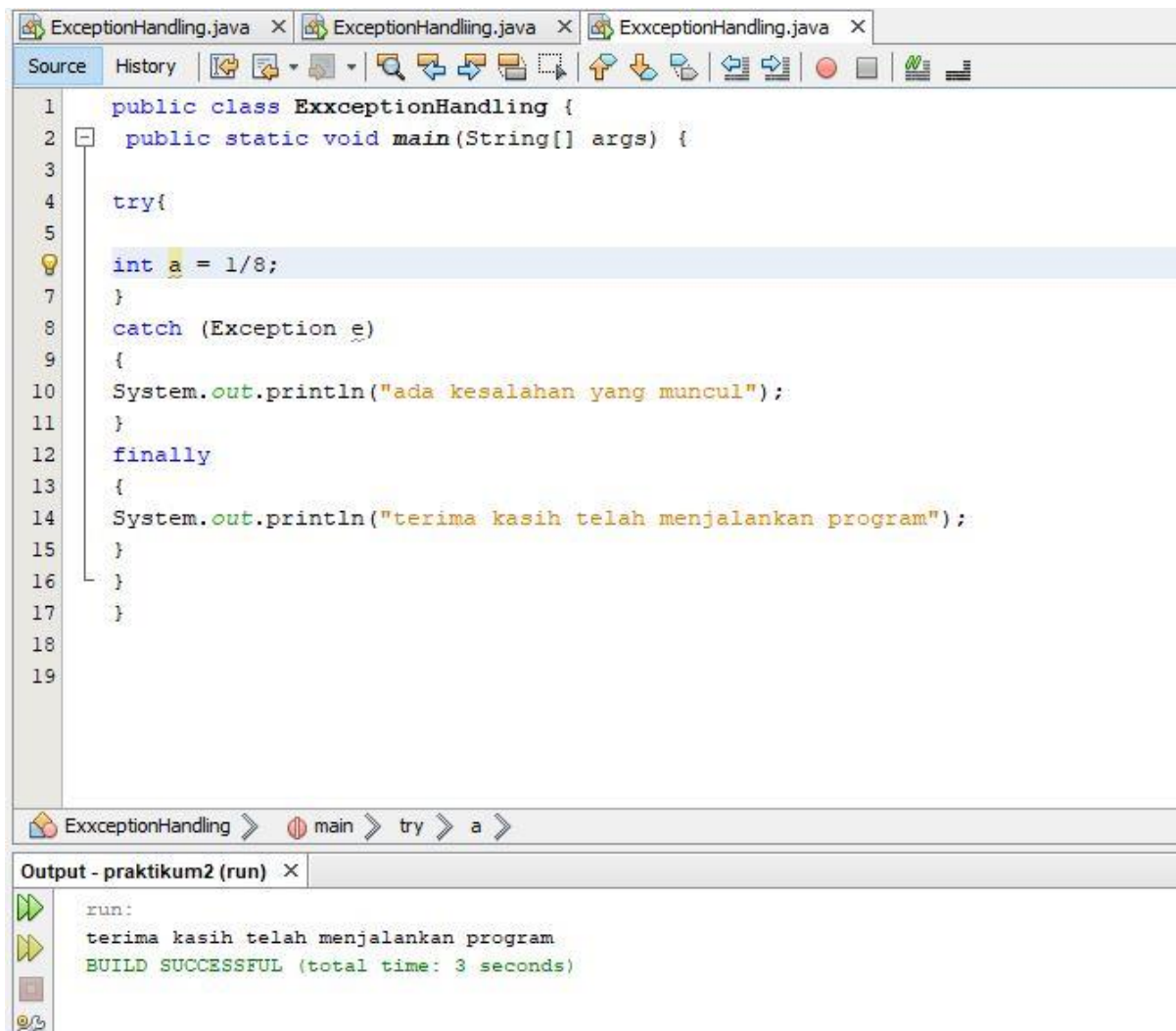
```
1 public class ExceptionHandling{
2     public static void main(String[] args)
3     {
4         try
5         {
6
7             int a = 1/0; System.out.println("perintah selanjutnya");
8
9         } catch (NullPointerException e) {
10
11         }
12
13         catch(ArrayIndexOutOfBoundsException e) {
14         }
15         catch(Exception e) {
16
17         }
18     }
19 }
```

ExceptionHandling >

Output - praktikum2 (run) ×

run:
BUILD SUCCESSFUL (total time: 3 seconds)

Finaly



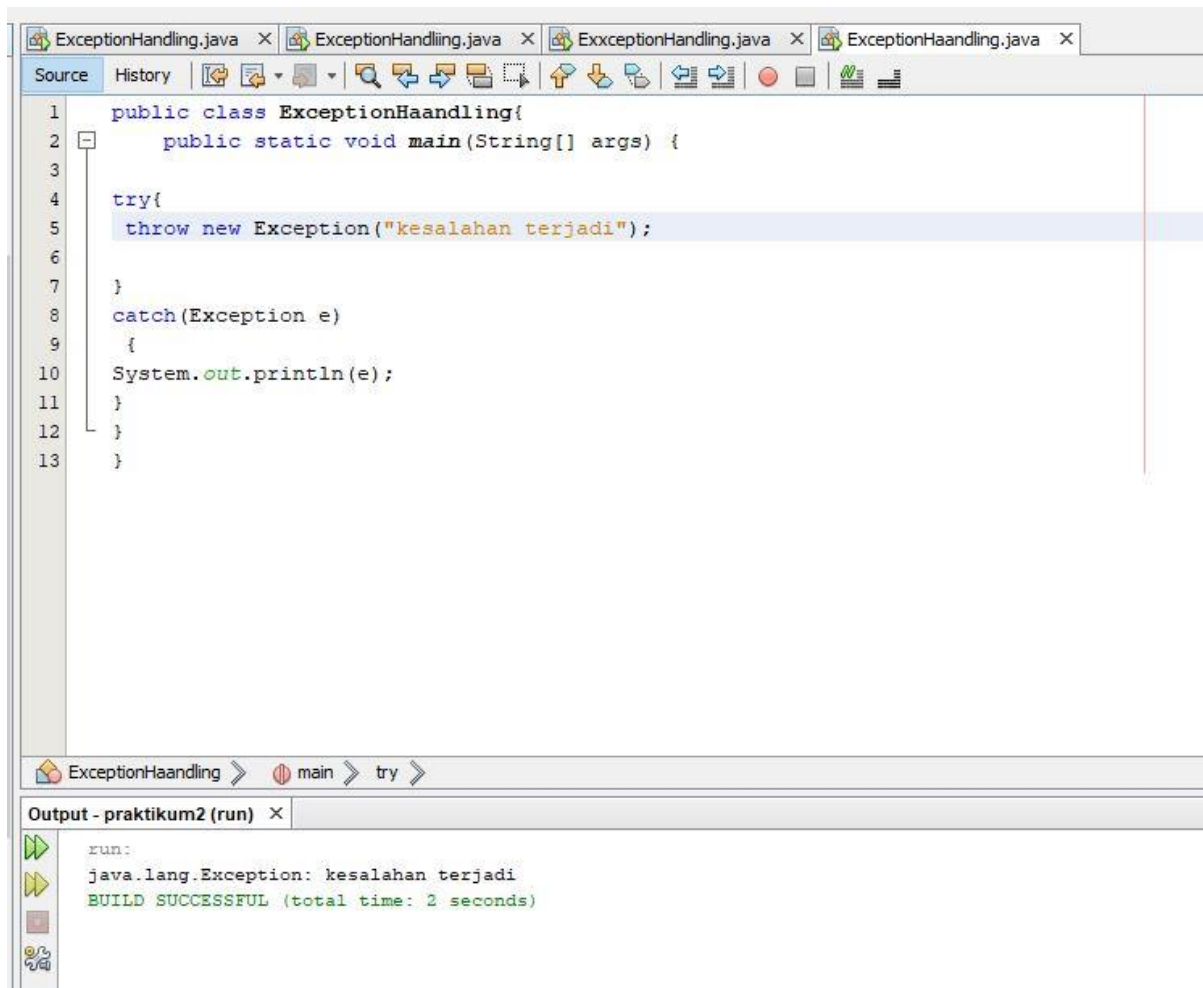
```
1 public class ExxceptionHandling {
2     public static void main(String[] args) {
3
4         try{
5
6             int a = 1/8;
7         }
8         catch (Exception e)
9         {
10            System.out.println("ada kesalahan yang muncul");
11        }
12        finally
13        {
14            System.out.println("terima kasih telah menjalankan program");
15        }
16    }
17 }
18
19
```

ExxceptionHandling > main > try > a

Output - praktikum2 (run) x

run:
terima kasih telah menjalankan program
BUILD SUCCESSFUL (total time: 3 seconds)

Throw1



```
1 public class ExceptionHaandling{
2     public static void main(String[] args) {
3
4         try{
5             throw new Exception("kesalahan terjadi");
6         }
7         catch(Exception e)
8         {
9             System.out.println(e);
10        }
11    }
12 }
13 }
```

ExceptionHaandling > main > try >

Output - praktikum2 (run) x

run:
java.lang.Exception: kesalahan terjadi
BUILD SUCCESSFUL (total time: 2 seconds)

Throw2

```
1
2 public class ExceptionHandling {
3     public static void main(String[] args) {
4         try
5         {
6             throw new B();
7         }
8         catch(B e){
9             System.out.println(e);
10        }
11    }
12 }
13 class B extends Exception{
14     B(){
15     }
16     public String toString(){
17         return "object dengan tipe kelas B";
18     }
19 }
20
```

Output - praktikum2 (run) ×

run:
B
BUILD SUCCESSFUL (total time: 3 seconds)

Throws

```
1 public class ExceptionHandlinng {
2
3     public static void main(String[] args) {
4         try{
5             f();
6         }
7         catch(ArrayIndexOutOfBoundsException | NullPointerException e){
8             System.out.println(e);
9         }
10    }
11    public static void f() throws NullPointerException, ArrayIndexOutOfBoundsException{
12        throw new NullPointerException();
13    }
14 }
15
16
```