Matkul : Pemrograman Berorientasi Objek (Sesi 11)
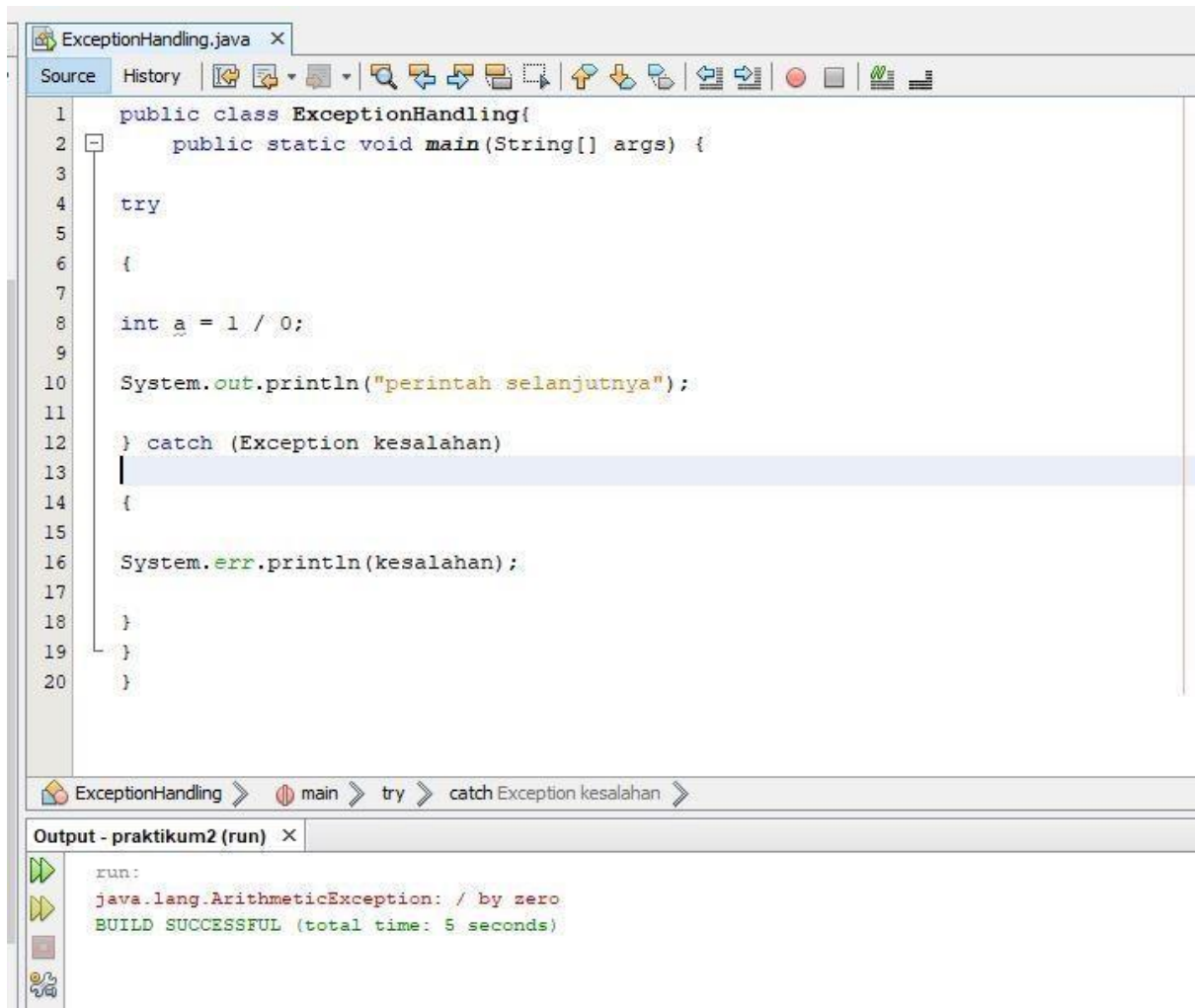
Trycatch1
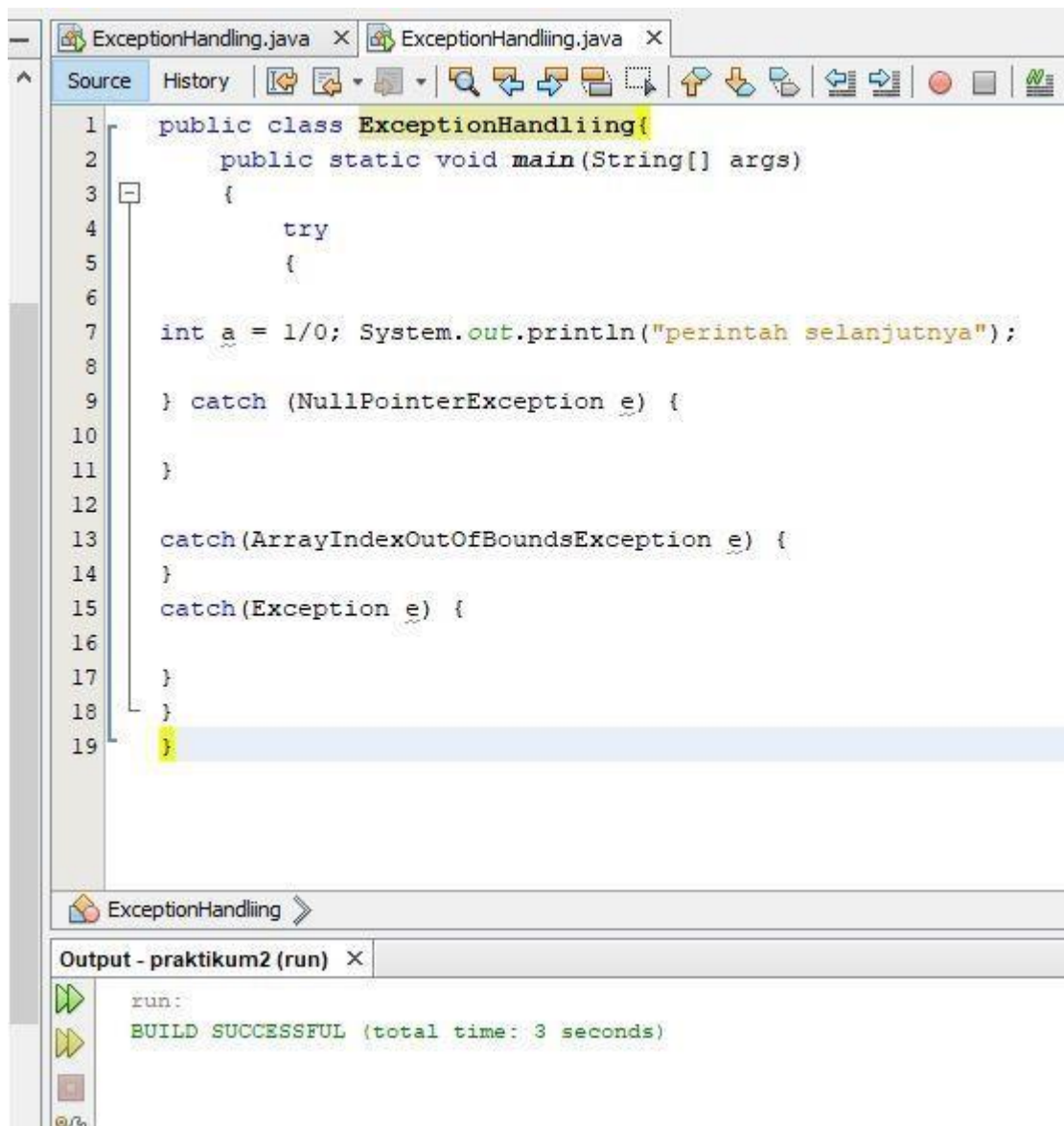
```java
public class ExceptionHandling{
    public static void main(String[] args) {

    try

    {

    int a = 1 / 0;

    System.out.println("perintah selanjutnya");

    } catch (Exception kesalahan)


    {

    System.err.println(kesalahan);

    }
    }
    }
```

ExceptionHandling > main > try > catch Exception kesalahan >

Output - praktikum2 (run) ×

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

Trycatch2

```java
1   public class ExceptionHandliing{
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  }
```

ExceptionHandliing

Output - praktikum2 (run) ✕

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

Finaly
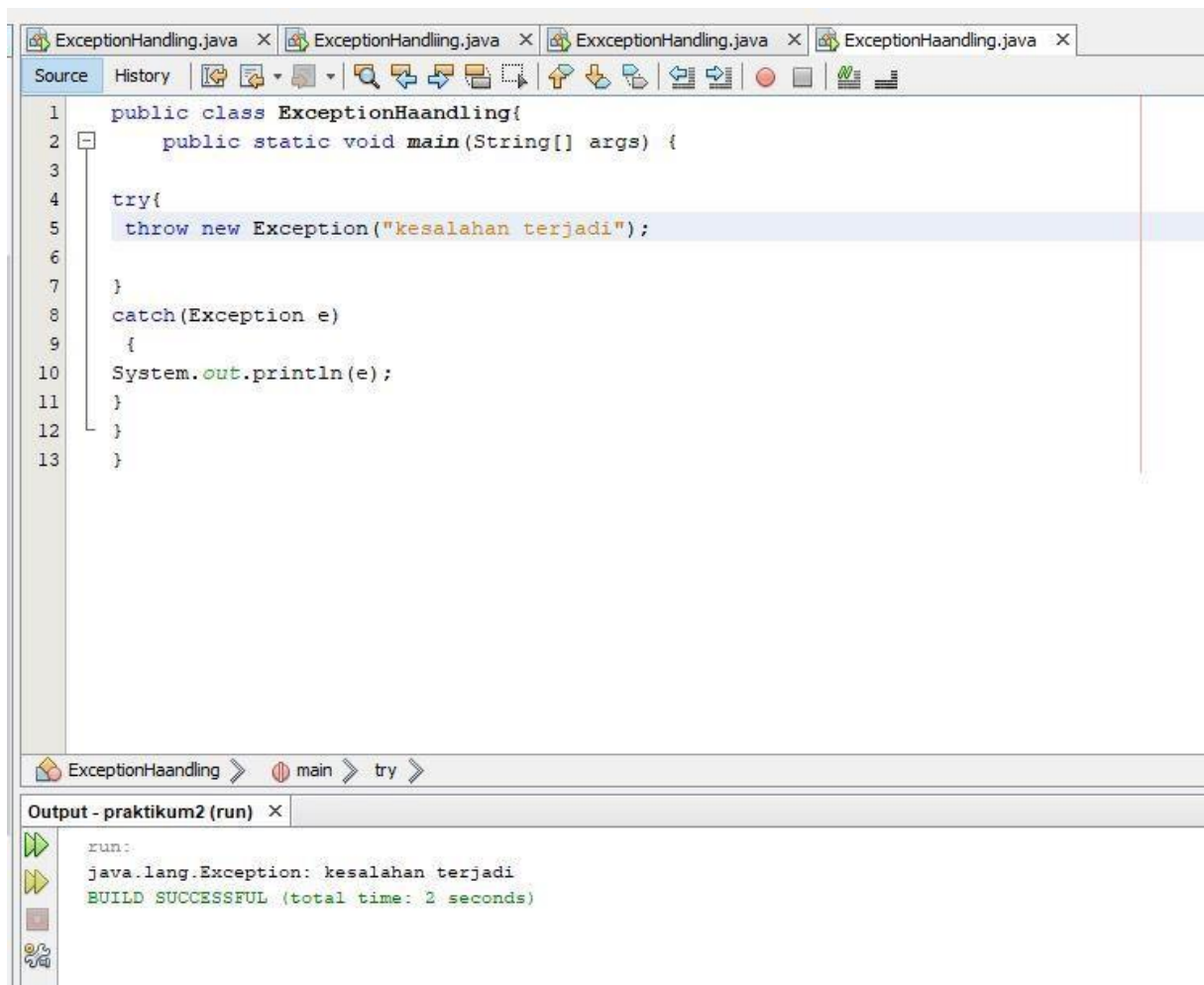
```java
public class ExxceptionHandling {
  public static void main(String[] args) {

  try{

  int a = 1/8;
  }
  catch (Exception e)
  {
  System.out.println("ada kesalahan yang muncul");
  }
  finally
  {
  System.out.println("terima kasih telah menjalankan program");
  }
  }
  }


```

ExxceptionHandling > main > try > a >

Output - praktikum2 (run) ×

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

Throw1

```java
public class ExceptionHaandling{
    public static void main(String[] args) {

    try{
     throw new Exception("kesalahan terjadi");

    }
    catch(Exception e)
     {
    System.out.println(e);
    }
    }
    }
```

ExceptionHaandling > main > try >

Output - praktikum2 (run) ×

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

Throw2

```java
public class ExceptionHandlling {
public static void main(String[] args) {
try
{
throw new B();
}
catch(B e){
System.out.println(e);
}
}
}
class B extends Exception{
B(){
}
public String tostring(){
    return "object dengan tipe kelas B";
}
}
```

Output - praktikum2 (run) ×

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

Throws

```java
public class ExceptionHandlinnng {

public static void main(String[] args) {
try{
f();
}
catch(ArrayIndexOutOfBoundsException | NullPointerException e){
System.out.println(e);
}
}
public static void f() throws NullPointerException, ArrayIndexOutOfBoundsException{
    throw new NullPointerException();
}
}
```