- Jawab semua pertanyaan dengan bahasa indonesia yang baik dan benar dan berikan penjelasan untuk masing – masing pertanyaan
- Pertanyaan nomor 1, 2, 3 dan 4 implementasikan potongan kode tersebut dengan Netbeans IDE

Question 1: What will be the output of the program?

```java
public class Foo
{
public static void main(String[] args)
{
try
{
return;
}
finally
{
System.out.println( "Finally" );
}
}
}
```

Question 2: What will be the output of the program?

```java
public class Test
{
public static void aMethod() throws Exception
{
try /* Line 5 */
{
throw new Exception(); /* Line 7 */
}
finally /* Line 9 */
{
System.out.print("finally "); /* Line 11 */
}
}
public static void main(String args[])
{
try
{
aMethod();
}
catch (Exception e) /* Line 20 */
{
System.out.print("exception ");
}
System.out.print("finished"); /* Line 24 */
}
}
```

Question 3: What will be the output of the program?

```
public class RTExcept
{
public static void throwit ()
{
System.out.print("throwit ");
throw new RuntimeException();
}
public static void main(String [] args)
{
try
{
System.out.print("hello ");
throwit();
}
catch (Exception re )
{
System.out.print("caught ");
}
finally
{
System.out.print("finally ");
}
System.out.println("after ");
}
}
```

Question 4: What will be the output of the program?

```
public class X
{
public static void main(String [] args)
{
try
{
badMethod();
System.out.print("A");
}
catch (Exception ex)
{
System.out.print("B");
}
finally
{
System.out.print("C");
}
System.out.print("D");
}
public static void badMethod()
{
throw new Error(); /* Line 22 */
}
}
```

Question 5 We know that the method printStackTrace of an exception prints the stack of methods that have been call when that exception has ocurred.

What stack trace will be printed after calling method1?

```
public void method1() throws Exception {
method2();
}

public void method2() throws Exception {
throw method3();
}

public Exception method3() {
return new Exception();
}
```

1. ○ Exception in thread "main" java.lang.Exception
   at mypackage.MyClass.method3(MyClass.java:30)
2. ○ Exception in thread "main" java.lang.Exception
   at mypackage.MyClass.method2(MyClass.java:20)
3. ○ Exception in thread "main" java.lang.Exception
   at mypackage.MyClass.method1(MyClass.java:10)