

Reverse Engineering

Spring-2020 Semester

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Task1:

Execute	Share	Source File	STDIN	Result
<pre>1 public class HelloWorld{ 2 3 public static void main(String []args){ 4 System.out.println("Hello"); 5 } 6 }</pre>				<pre>\$javac HelloWorld.java \$java -Xmx128M -Xms16M HelloWorld Hello</pre>

Task2:

```
1 import java.util.Scanner;
2
3 public class num2{
4
5     public static void main(String []args){
6         Scanner sc= new Scanner(System.in);
7         System.out.println("What's your name?");
8         String name = sc.nextLine();
9         System.out.println("Hello " + name);
10    }
11 }
```

C:\Users\Danh\Desktop

λ java num2

What's your name?

Danh

HelloDanh

C:\Users\Danh\Desktop

λ java num2

What's your name?

Exception in thread "main" java.util.NoSuchElementException: No line found

C:\Users\Danh\Desktop

λ javac num2.java

C:\Users\Danh\Desktop

λ java num2.java

Error: Could not find or load main class num2.java

C:\Users\Danh\Desktop

λ java num2

What's your name?

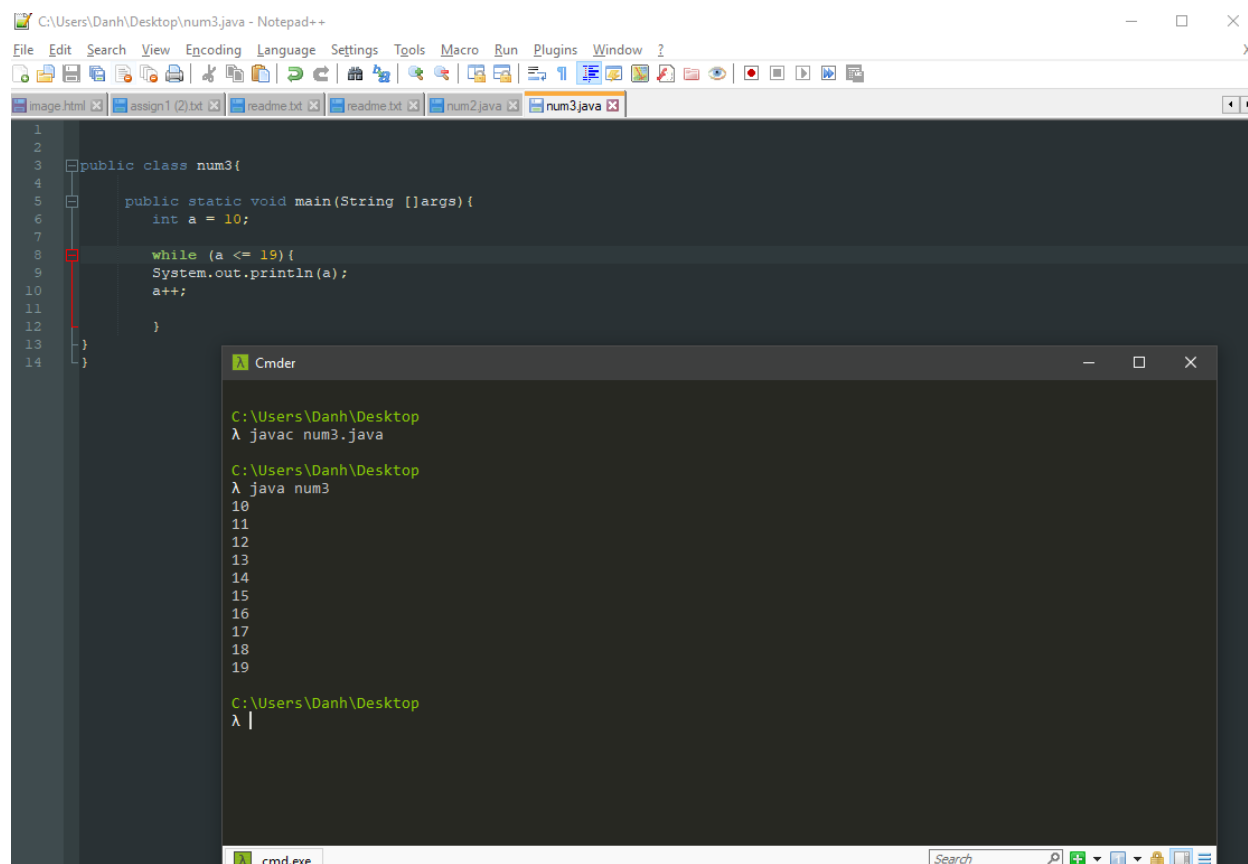
Danh

Hello Danh

C:\Users\Danh\Desktop

λ |

Task3:



C:\Users\Danh\Desktop\num3.java - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

image.html x assign1 (2).txt x readme.txt x readme.txt x num2.java x num3.java x

```
1
2
3 public class num3{
4
5     public static void main(String []args){
6         int a = 10;
7
8         while (a <= 19){
9             System.out.println(a);
10            a++;
11        }
12    }
13 }
14 }
```

Cmd.exe

C:\Users\Danh\Desktop
λ javac num3.java

C:\Users\Danh\Desktop
λ java num3
10
11
12
13
14
15
16
17
18
19

C:\Users\Danh\Desktop
λ |

cmd.exe Search