LAB 12: SECURE CODING INPUT VALIDATION BY *java*

Class: M02

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A in java

1 *Execut following first secure coding, exercise as far as you can*

1 Process designing

2 Coding
3 Executing

os	
IDE	Terminal
language	Java 11
Type of DB	
Type of File	
Other software	

2

3 [Process designing]

1   Configure the Complete Build Process

1   How to install/set up IDE for java, How to install/call java under IDE

2   Search coding model *java* program,

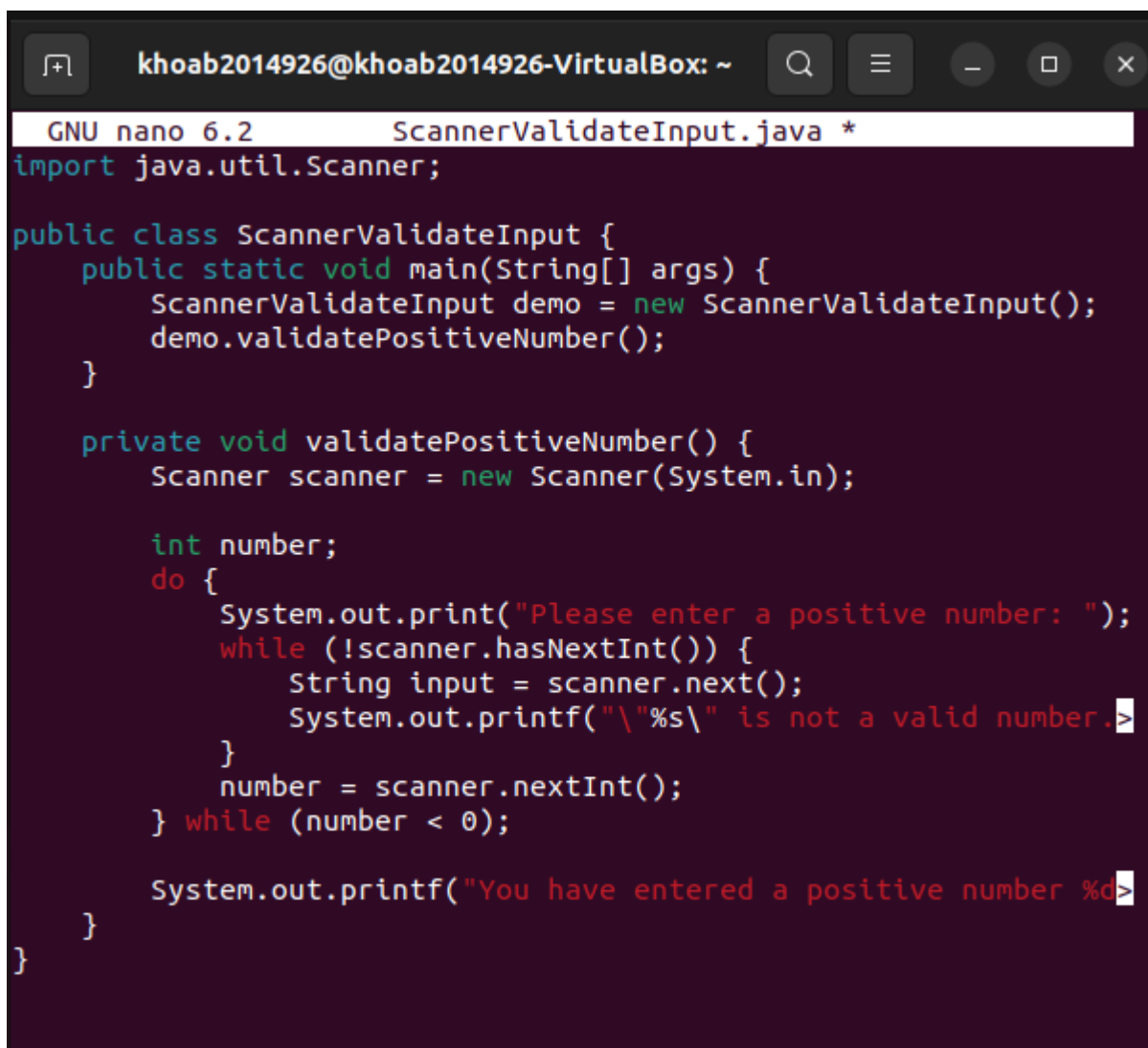https://kodejava.org/how-do-i-validate-input-when-using-scanner/

3   How to compile java program

4   How to connect & interface input validation java module to main program

5   Explain the input validation program logic
     - Get the input from user
     - Check the input is integer or not
     - If not continue check the input is float or not
     - If not integer or float. The input is string
6   How to run the program

[Coding]

[Executing]

- Compile Main.java to ScannerValidateInput file to execute

- Run after compiling successfully and check the result

```
khoab2014926@khoab2014926-VirtualBox:~$ java ScannerValidateInput.java
Please enter a positive number: Tran Dang Khoa
"Tran" is not a valid number.
"Dang" is not a valid number.
"Khoa" is not a valid number.
-100
Please enter a positive number: 99
You have entered a positive number 99.
khoab2014926@khoab2014926-VirtualBox:~$
```