Week 1 Homework Q24

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CE480 - Java and Internet Application

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# Author Note

# The Question

Java on Ubuntu

* + 1. [Set up Ubuntu](https://hc.labnet.sfbu.edu/~henry/sfbu/course/linux/ubuntu/slide/exercise_ubuntu.html#setup)
       - You can skip this step if you use Macbook PC because Mac OS is UNIX-based.
    2. [Install JDK](https://hc.labnet.sfbu.edu/~henry/sfbu/course/linux/ubuntu/slide/exercise_ubuntu.html#jdk)
    3. [Set up PATH](https://hc.labnet.sfbu.edu/~henry/sfbu/course/linux/ubuntu/slide/exercise_ubuntu.html#path)
    4. [Compile and Run 'Hello World'](https://hc.labnet.sfbu.edu/~henry/sfbu/course/introjava/intro/slide/helowrld.html)
    5. [Switch two numbers](https://hc.labnet.sfbu.edu/~henry/sfbu/course/introjava/intro/slide/exercises1.html#switch)

A screenshot of a computer

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public class HelloWorld {

    public static void main(String[] args) {

        System.out.println("Hello World!");

    }

}

A computer screen shot of a program

Description automatically generated

import java.util.Scanner;

public class NumberSwapper {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        int a, b, temp;

        /\* Step 1: Read two numbers \*/

        System.out.print("Enter the first number: ");

        a = scanner.nextInt();

        System.out.print("Enter the second number: ");

        b = scanner.nextInt();

        /\* Step 2: Switch the two numbers \*/

        temp = a;

        a = b;

        b = temp;

        /\* Step 3: Print the switched two numbers \*/

        System.out.println("After swapping:");

        System.out.println("First number: " + a);

        System.out.println("Second number: " + b);

        scanner.close();

    }

}