

Swapping Values Examples Exploration

Corresponding Material

Module 1: Programming Basics, Lesson 3: Variables and Data Types

Class Exercise

Open example *1.3.5: Swapping Values* and answer the following questions:

- a. In the incorrect swap, what happens to the number **5** in the **num1** variable?

- b. How does the correct number swap handle this problem?

- c. After **line 22**, add a **num5** variable and set it equal to **15**:

```
int num5 = 15;
```

What additional lines of code would you need to write to swap **num4** to **num3**, **num5** to **num4**, and **num3** to **num5**? Would you need to use two temp variables? Try your code in the editor and then add it here.
