# Challenge 2

The error in the pseudocode can be found in the 5th line of code "If next number smaller than maxNumber". This statement would always let maxNumber be set to a smaller number instead of the biggest number in the list. In this scenario where maxNumber is set to zero to start, the code would always return an arbitrary number and never return the biggest number in the list.

The correct statement should be "If next number is **greater** than maxNumber". This way, the code would start from zero, run through the list, and return the biggest number.

**Let maxNumber represent the biggest number, set it to zero to start**

**While there are still numbers left in the list**

**Look at the next number in the list**

**Compare it to the maxNumber**

**If next number is greater than maxNumber**

**Set maxNumber to that number**

**Report maxNumber as the biggest in the list**