

Assessment Solutions

Chapter 4 – Indirect Addressing: References

1. **a – c:** Please see `Chapter04/Assessments/Chp4-Q1.cpp` in the GitHub repository.
c: (follow-up question) Pointer variables need not only call the version of `ReadData(Student *)` that accepts a pointer to a `Student` and reference variables need not only call the version of `ReadData(Student &)` that accepts a reference to a `Student`. For example, a pointer variable may be dereferenced with `*` and then call the version that accepts a reference. Likewise, a reference variable may have its address taken using `&` and then call the version that accepts a pointer (though this is less commonly done). You simply need to make the data types match with respect to what you are passing and what the function expects.