Test Plan

1. Tested with your standard test files ensuring our output was identical to the required output.
2. Then we implemented the sort function and tested it against your sorted test file. Once we implemented the descending sort function we made sure it was in the opposite order of your standard test file.
3. To test the second bonus we called b\_print() after the sort on the buffer to ensure its contents were in the same order as the st\_print() function.
4. We also wrote the function test\_update\_type() which iterated through the entire symbol table changing the type of each STVR. We validated this by calling st\_store on the symbol table after changing the value and making sure the hex values were what we expected.