

All the functions in the five modules (basicops, poly, trig, matrix, stats) were tested by OUnit. These tests were designed with a black-box approach in which we attempted to identify corner cases in our specs for our functions and ensure that our functions still pass. Because all the functions were tested fully and the GUI calculator interface in main.ml relies exclusively on these functions, the correctness of the system was ensured. To aid in the testing process, we made the decision to not only conduct OUnit tests but also manually print out the outputs from every function we coded in the project. Some functions print out floating numbers and outputs, so it was necessary for us to print the output out in the terminal to test each function's accuracy.