Group:

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In this assignment, we made changes to trap.c and proc.c to complete the project. In trap.c, we added a case for the T_DIVIDE error. It makes sure a signal handler is registered for the divide by zero error, and then it calls signal_deliver, which is in proc.c. In proc.c, we implemented signal_deliver and signal_return. In signal deliver, we set up the stack frame as in the project description, incremented esp to the new correct spot, and finally set eip to the signal handler corresponding to the signal number given. In signal_return, we simply reset all the registers and the stack frame to their previous states. After running signal_test and successfully getting the pass message, we concluded that we had successfully done what the project asked of us.