

Tasks Report

- 1- First a makefile is made for each directory to produce the required files (way indicated in readme file)
- 2- INLINED: 2nd task: to inspect assembly files open the, and search for function calls, the function that isn't inlined will be called, while the inlined function will be initiated with `movq` and have many lines including every transfer from a register (indication is in "inlined_indication file")
- 3- MACROS MODIFICATION: to modify this to work correctly the `(a++,b++)` should be removed from the macro and, instead, be incremented in separate instruction right after declaration so they aren't incremented twice.
- 4- STATIC_FIX: to fix static file, remove the static function call and only leave its wrapper's call because static functions produce errors when called
- 5- To make both files in pre-processor work the same, in the make file add the line `-DX=100 -DY=200 -DBEGIN} -DEND}` in the line producing preprocessed code so that the definition is complete and does not produce an error
- 6- To modify function overhead: add:
`movq -8(%rbp), %rdx`
`movq -16(%rbp), rax`