READ ME

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Help Received: Went to office hours to seek help from TA's as well as emailing questions to the professor about stdout.

Correctly Implemented: UArray2b.c, UArray2b.h, A2plains, in ppmtrans we got 180 degrees turn to work for all cases. For 90 degrees we could only get block major to work correctly. We had 0 degrees work in all cases.

Incorrectly Implemented: We could not get ppmtrans to do a 90 degree turn with row or col major.

Architecture of your solutions: Our ppmtrans.c file is our main file that then links to our a2methods.h file. Form there a2methods.c links to a2blocked.c and a2plain.c. Form there a2blocked.c is link with the uarray2b interface and a2plain.c is linked with the uarray2 interface.

Part E: 1080p image scaled up 5

	row-major	col-major	block-major
180 degree	4.83 secs	8.25 secs	8.33 secs
90 degree			7.79 secs

For 180 degrees, row-major was the fastest because the dimensions of the picture never change. Col-major and block-major took longer because partition the blocks and create buffers which crates more loads while col-major was jumping around memory.

Time Spent: Approximately 30 hours