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I think that my degree of success with the project is about 100. To deal with “first fit” and “best fit”, I used DOUBLY LINKED LISTS. To deal with “buddy”, I used a TREE structure.

**Syntax:**  **memMan “policy” “memory size” “input file path”**

*All element of the command line must be in above strict order.*

“policy”: ***firstfirst****,* ***bestfit****, or* ***buddy***

“memory size” : **1** to **8192.** It must be power of 2. Unit is KB

“input file path”: e.g **~bill/cs308/proj5\_data**

**Example:** memMan firstfit 1024 ~bill/cs308/proj5\_data

1MB = 1024KB

*I got the following result:*

**First Fit 1MB:** Total Allocations 490 of 500

**First Fit 512KB:** Total Allocations 374 of 500

**Best Fit 1MB:** Total Allocations 492 of 500

**Best Fit 512KB:** Total Allocations 377 of 500

**Buddy 1MB:** Total Allocations 465 of 500

**Buddy 512KB:** Total Allocations 328 of 500