Each team will be required to provide a written report in PDF format that discusses:.

• Benchmarks: A discussion on how you benchmarked your library and what the results were.

You should address:

• Which heap management strategy does the best job of reusing free blocks? Which one is the

worst?

Is it Worst fit?

• Which heap management strategy requires the least amount of heap space? Which one is the

worst?

• Which heap management strategy allows for the most splits? most coalescing? least?

• Which heap management strategy was the fastest? slowest?

• Consider the benchmark programs.

• Which one requires the most mallocs? frees?

• Which one requests the most amount of space?

• Which one requires the largest heap?

• You must provide graphs of data and diagrams to backup your conclusions.

• Analysis: A discussion of the following questions:

• Which heap management strategy suffers the most from fragmentation (what type)?

• Which heap management strategy is the best?

• You should provide evidence for your choices.

• Summary: A summary of what you learned about memory management.

• Note, you must incorporate images, graphs, diagrams and other visual elements as part of your

report.

• Your report must be in PDF format.