1. Describe and discuss what memory allocation algorithms you could have used and justify your final design choice.

Some of the options were First Fit, Next Fit, Best Fit, Worst Fit. We went with first fit not only because it seemed easier to implement, it also seems like a great choice in most practical application. First fit means: You measure/look at each task's size and then go sequentially that can be processed in. You always start from the first process as you don't want to take any chances by missing a valid space, You then allocate them that process.

1. Describe and discuss the structures used by the dispatcher for queuing, dispatching and allocating memory and other resources.
2. Describe and justify the overall structure of your program, describing the various modules and major functions (descriptions of the function 'interfaces' are expected)
3. Discuss why such a multilevel dispatching scheme would be used, comparing it with schemes used by "real" operating sytems. Outline shortcomingsin such a scheme, suggesting possible improvements.