Plan of attack.

For this project, I plan to implement the Best-fit. To do this, I will modify the slob\_page\_alloc function only. I plan to add a function that will find the smallest block available in a page. That is as big or bigger then the requested size. If a block big enough is not found, then null is returned and slob\_alloc will go to the next page to look for a block of the memory. When a block is found on a page that is big enough but the smallest block needed, the memory is allocated to the requesting process.

(describe the way to find the smallest block by duplicating the slob\_page\_alloc code.)

From the answer given after class that we do not have to worry about finding the overall smallest block, the algorithm does not look for the over all smallest block. If it was implemented, then slob\_alloc would be modified to look through all of the pages in memory to find the smallest block. After looking though all of he pages, the page with the smallest block in respect to the requested size, the slob\_page\_alloc is called with the page with the smallest block to allocate the memory.