To solve this problem, I tried using the decrementing method when I was searching for the smallest count. I found that I had to do it each time I set a new page in memory which makes sense, since we are keeping track of which pid has the oldest page frame. Once we have the oldest pid, I search again through the management table and find all the indexs for that particular pid and then is unset from the old values. It then returns the indexs removed and adds it to free_space in find_free_space. The code then uses get_mem to retrieve these values and sets the memory.