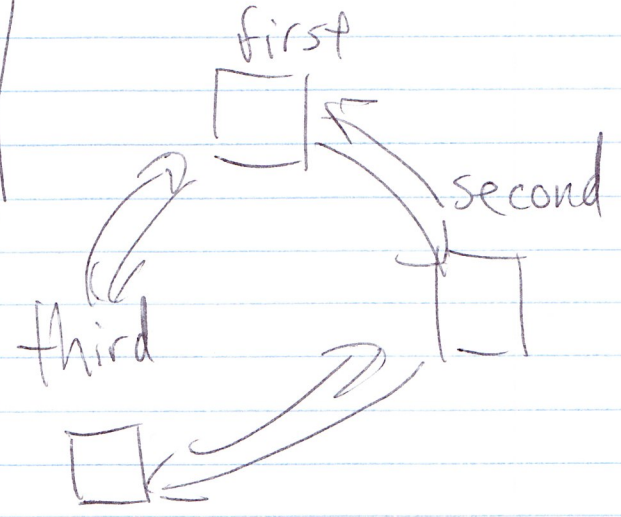


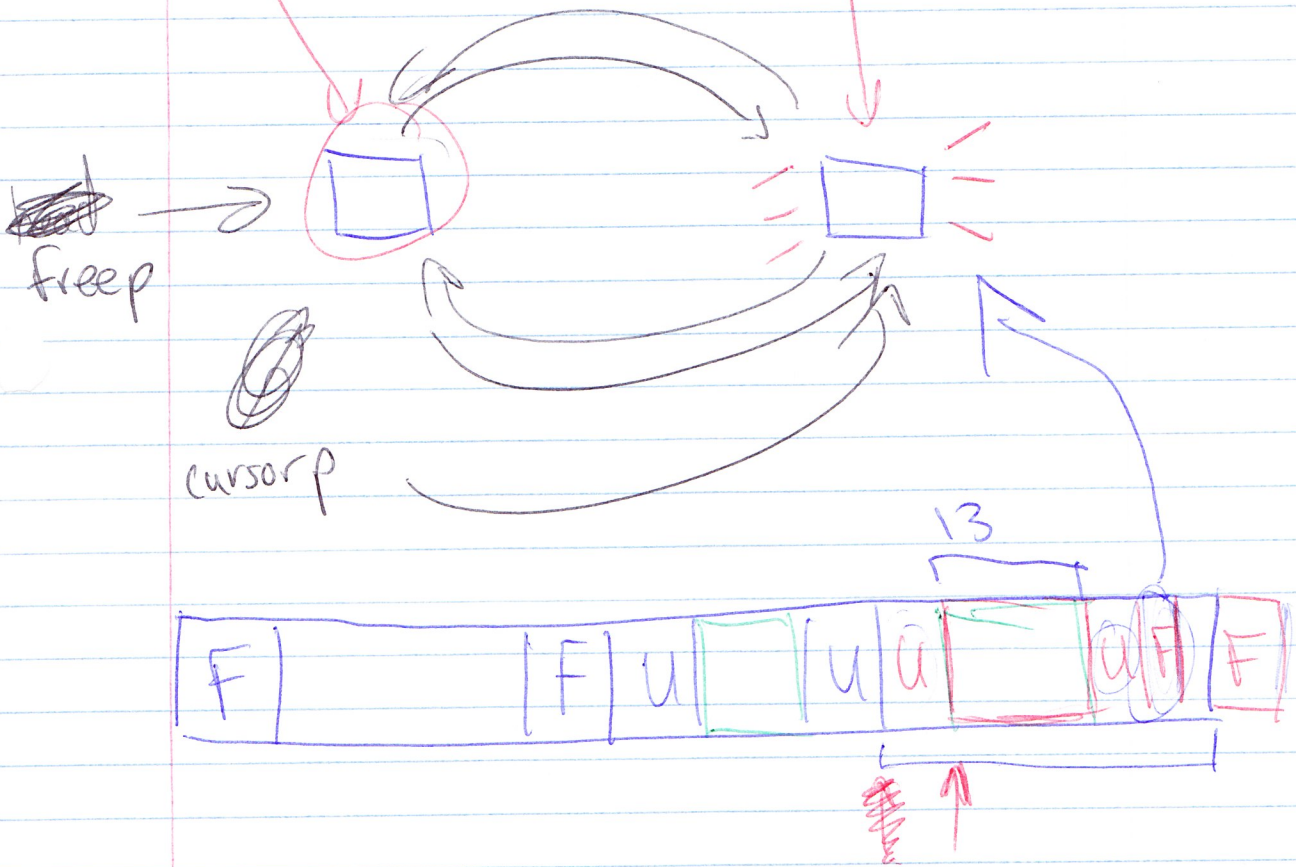
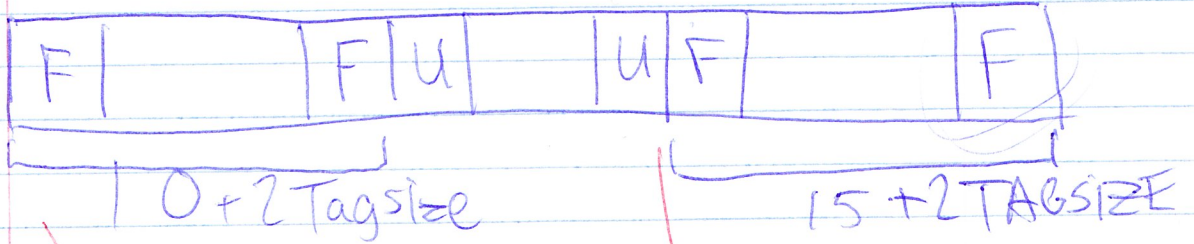
first  
free  
block

second    snd  
free  
block

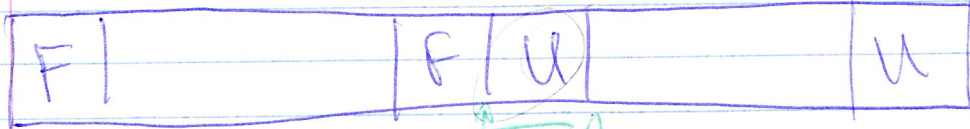
blockr	
tag :	FREE
size :	size
nextp :	snd
prevp :	snd



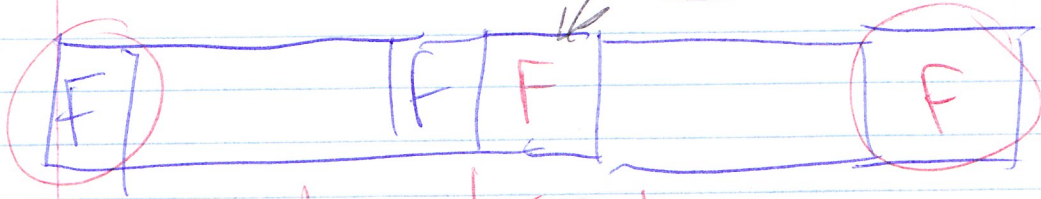
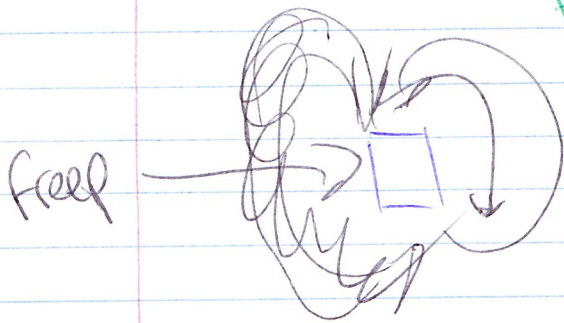
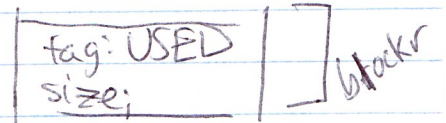
Alloc (13 bytes)



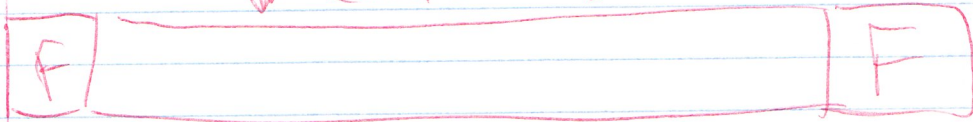
# Case 1: Free block w/ Left neighbor Free



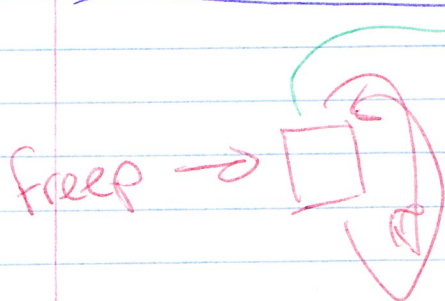
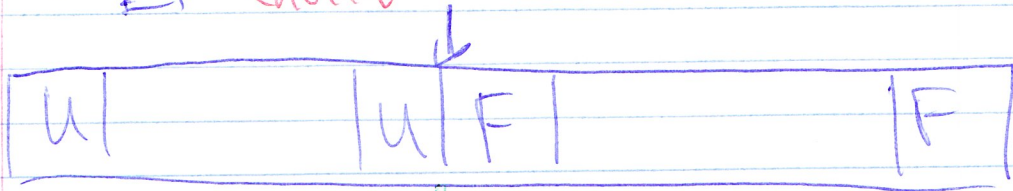
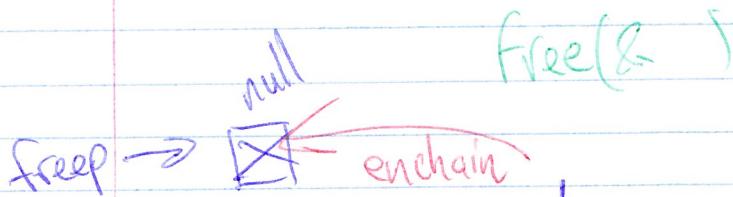
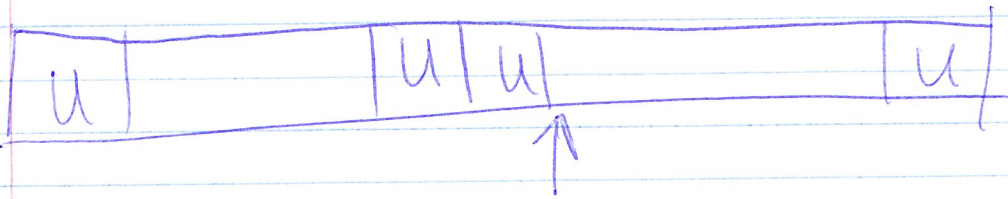
free(& )



↓ coalesce ↓



Case 2: Free Block  
w/ Left neighbor used



Case 3: Free block  
w/ both neighbors  
Free

