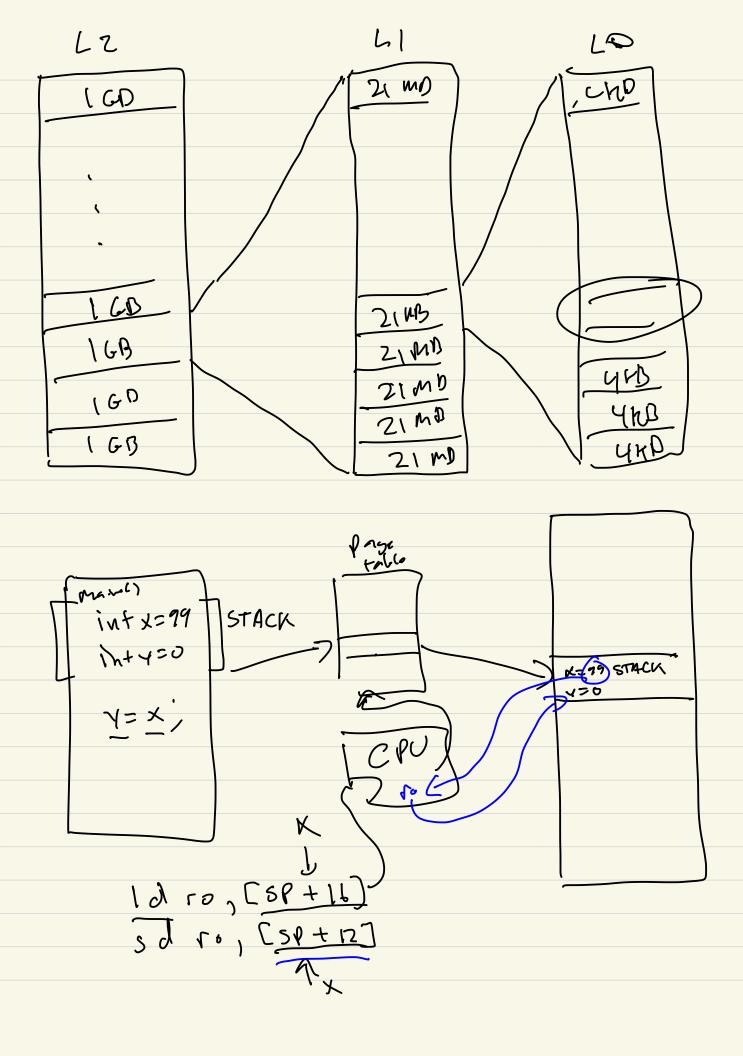
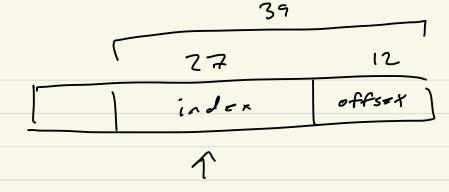
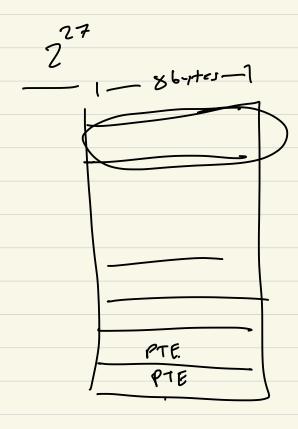


would take 1 GB RAM

$$2^{27} \times 2^{12} = 2^{3} \quad (SU39)$$
 $2^{37} \mid 2^{2^{4}} = 2^{3} \quad (SU39)$
 $2^{37} \mid 2^{2^{4}} = 2^{3} \quad (SU39)$
 $2^{37} \mid 2^{3} = 2^{3} \quad (SU39)$







$$2^{27} \times 2^3 = 2^3 = 168$$

 $2^{12} + 512 \times 2^{12} + 512 \times 2^{12}$ $2^{12} + 2^{9} \times 2^{11} + 2^{9} \times 2^{9} \times 2^{9} \times 2^{12}$ $2^{11} + 2^{21} + 2^{30}$ $2^{11} + 2^{21} + 512 \times 2^{12}$ $2^{11} + 2^{21} + 2^{30}$ $2^{11} + 2^{11} + 2^{11}$