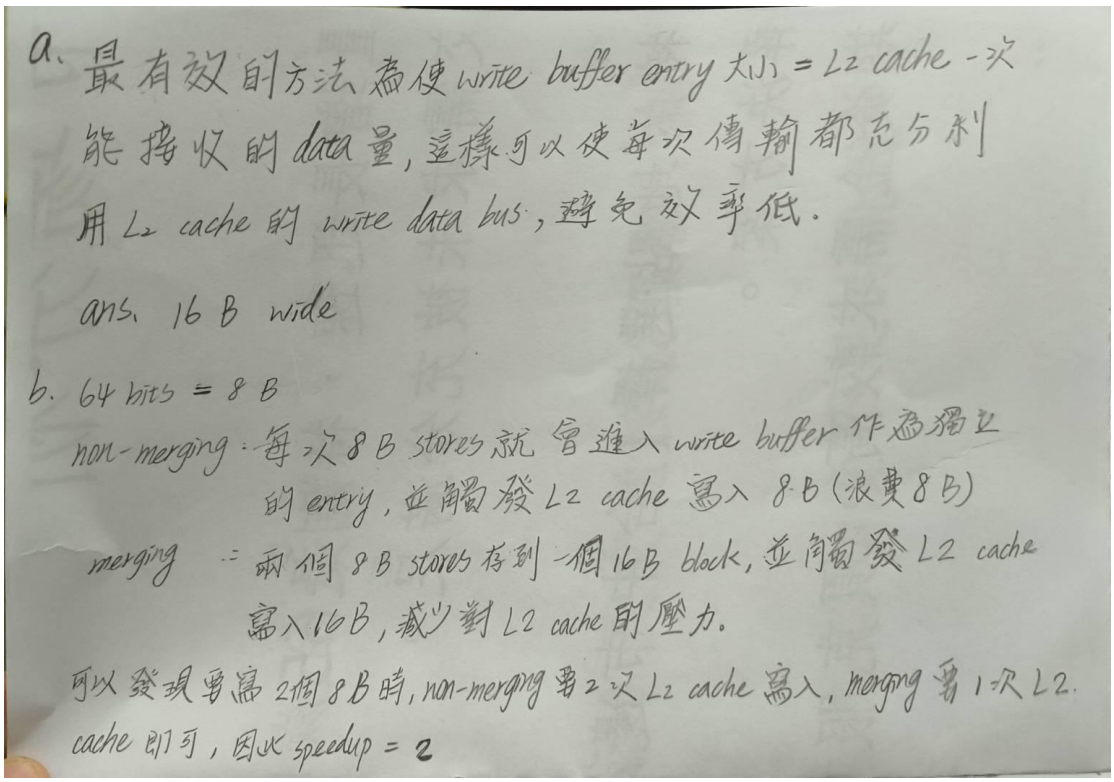

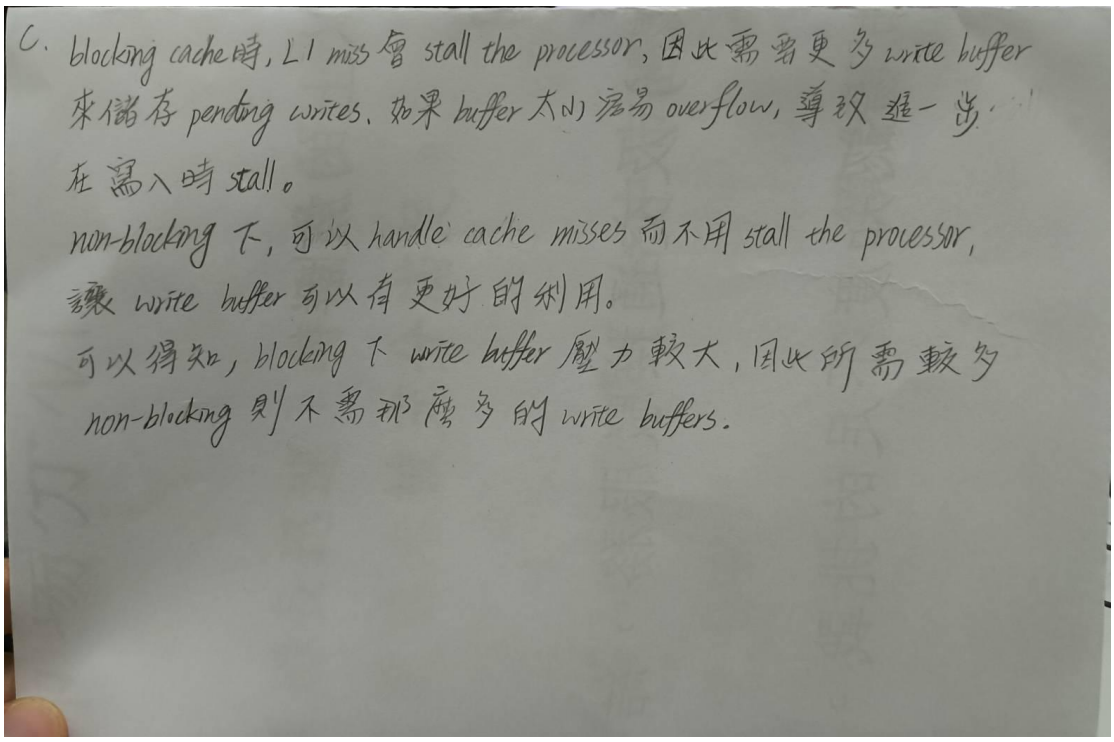

更：c 的 blocking write buffer 不需改變