- 1. Z gate then X gate
- 2. A snapshot invloves a measurement of quantum states which would destroy the entangled pair
- 3. copying a state from one qubit onto another without destroying the first state
- 4. Charlie provides an entangled oair for Alice and Bob
- $5.\,\,5000$  vlassical bit and 2500 qubit

This document write using LATEX author: Felix Montalfu (03082180055)