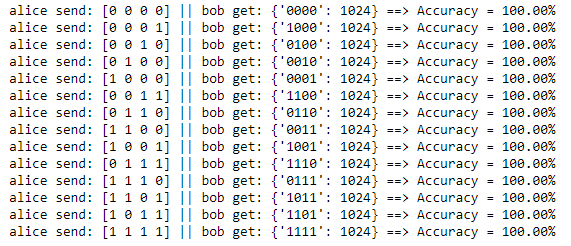
*陳志偉 B06901126電機五*

**Electrical Engineering Lab（topics on Communication System）**

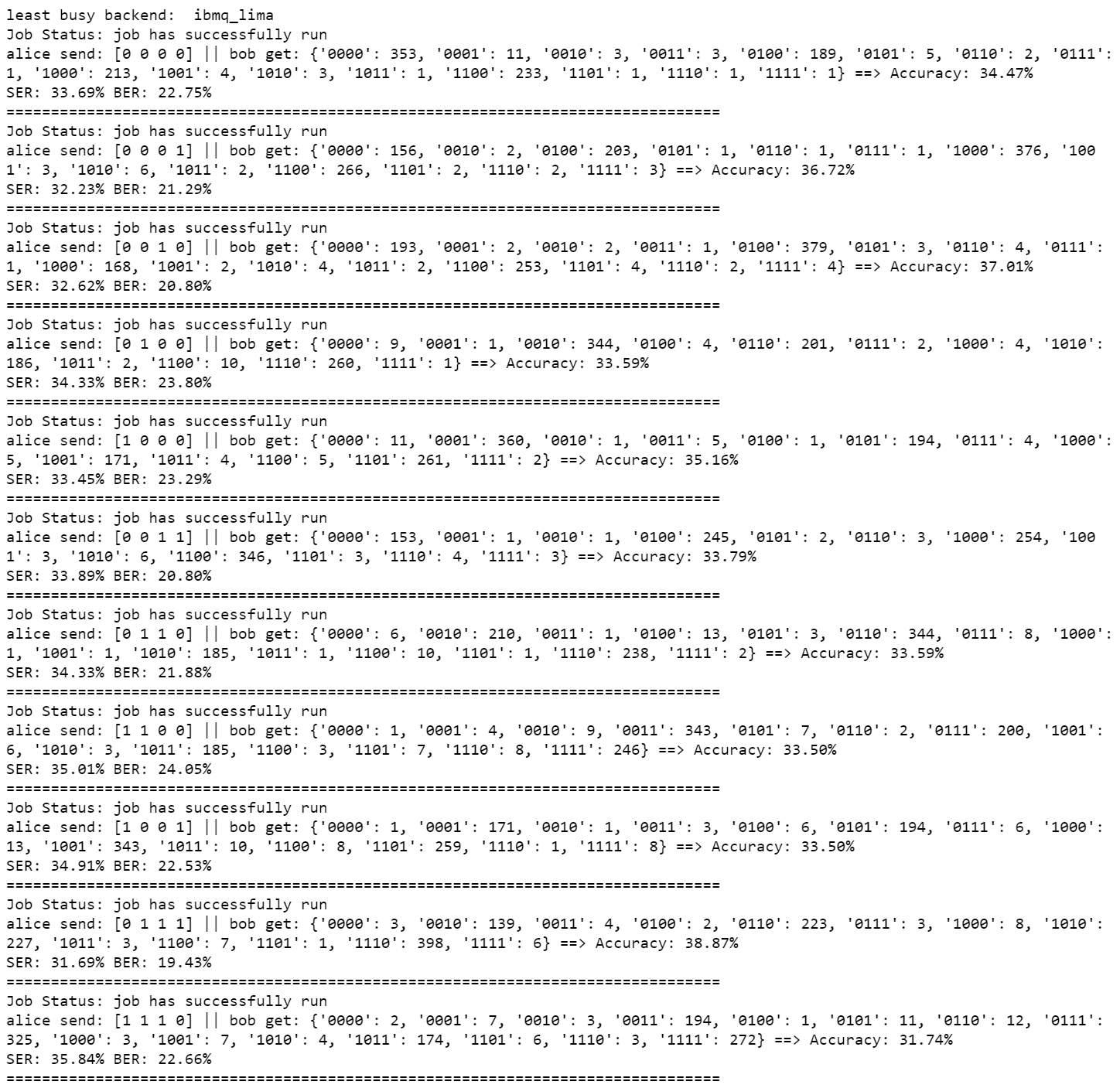
**Lab1 Report**

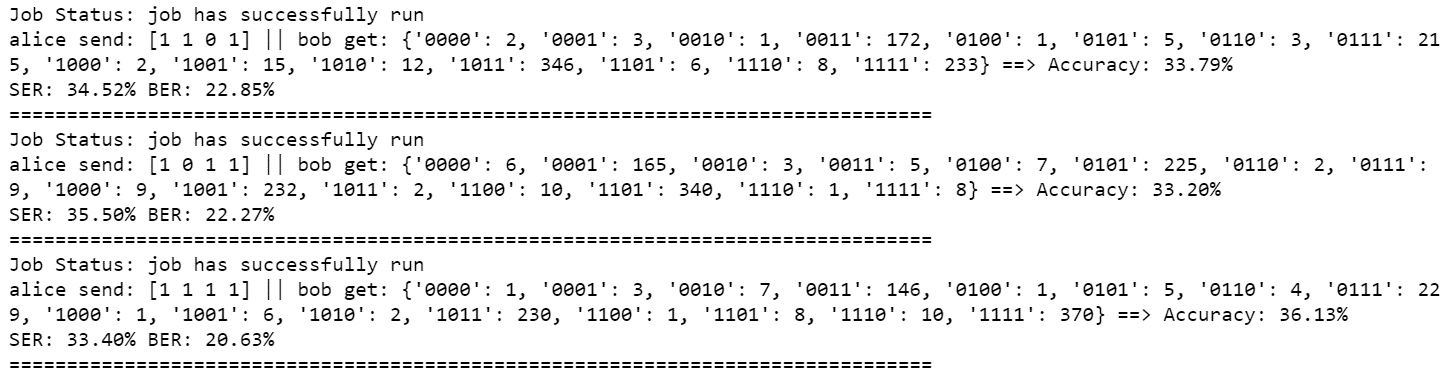
*All source will push to my github repo:* [*https://github.com/finalwee/CommLab*](https://github.com/finalwee/CommLab)

1. a)

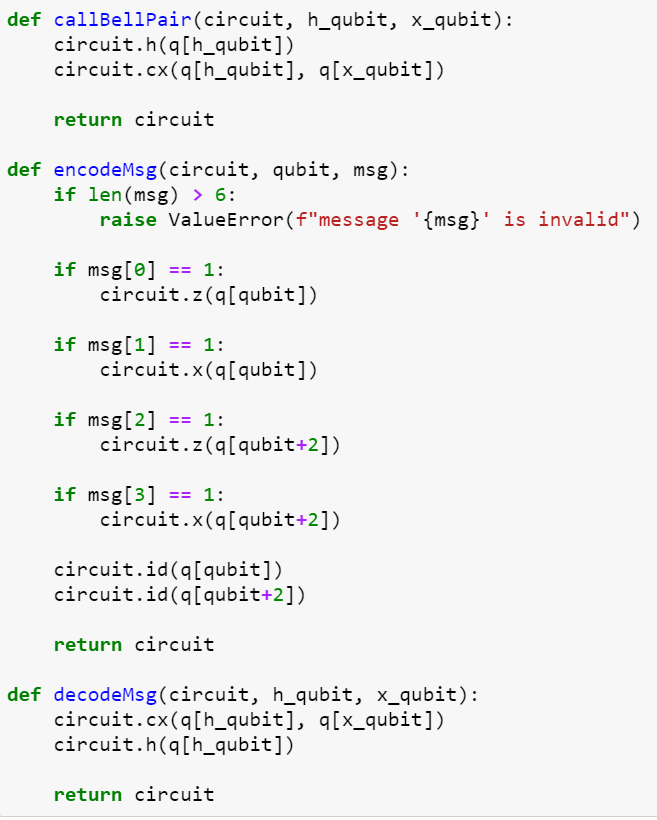


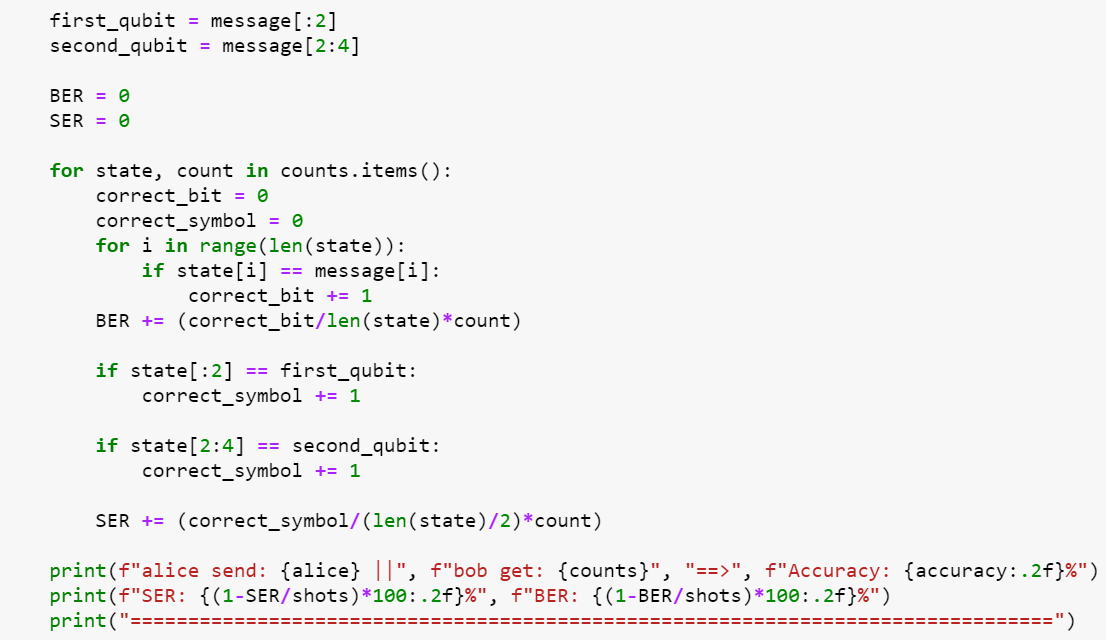
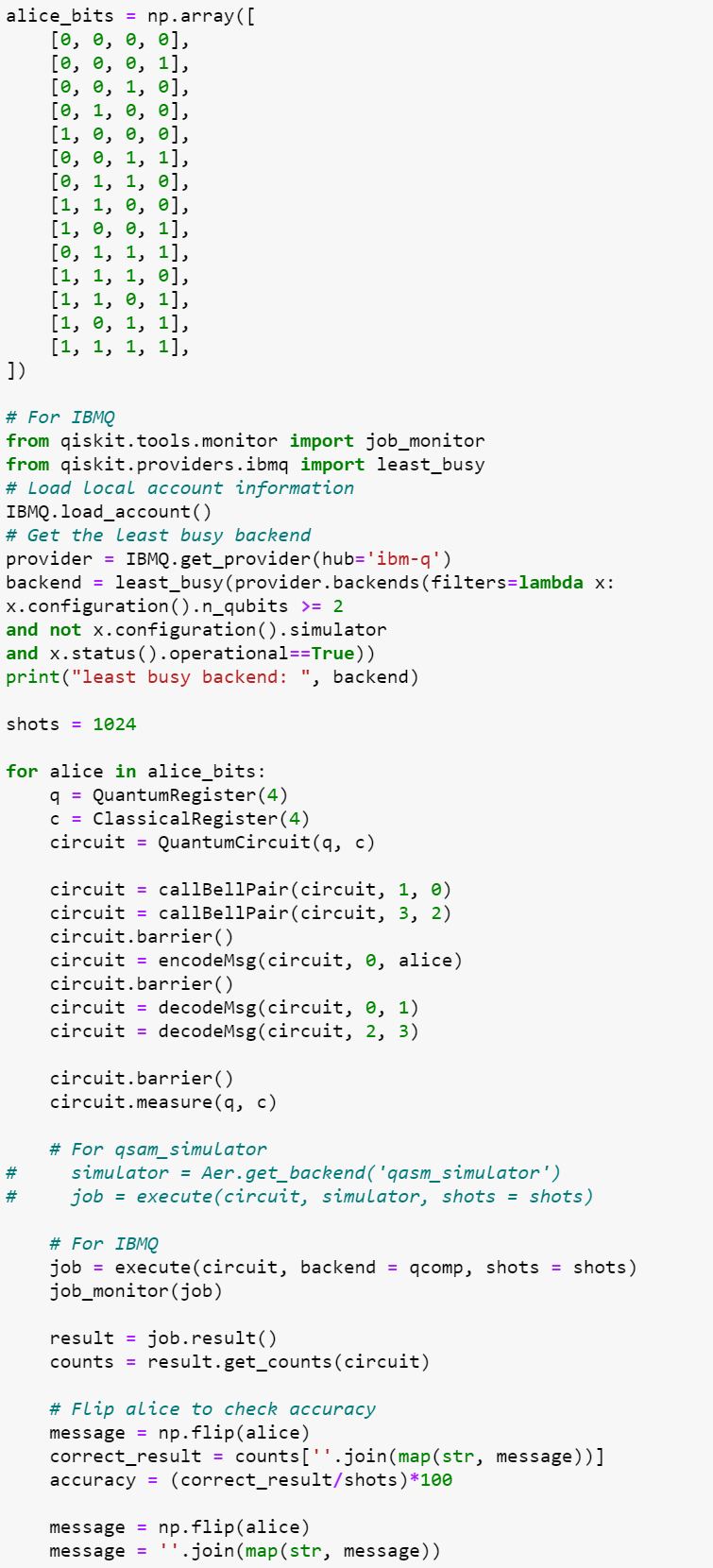
b)





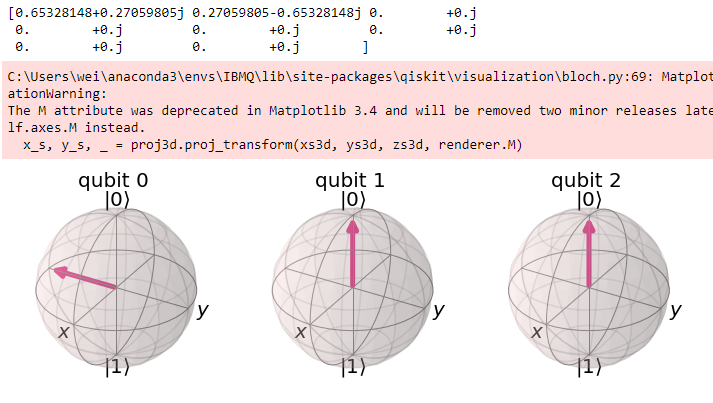
Code:

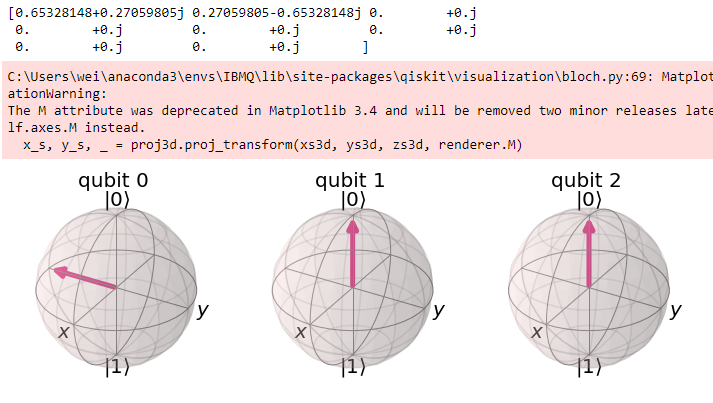




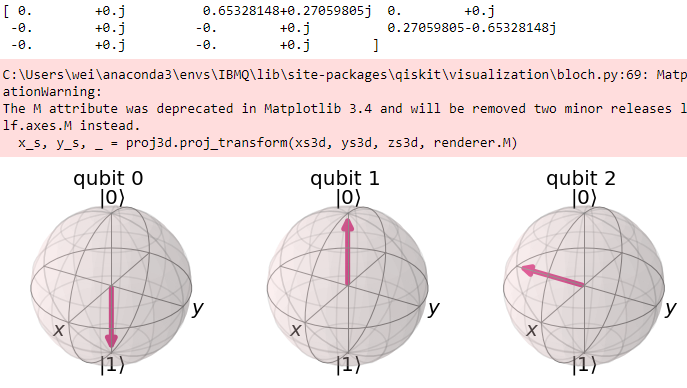
1. a)

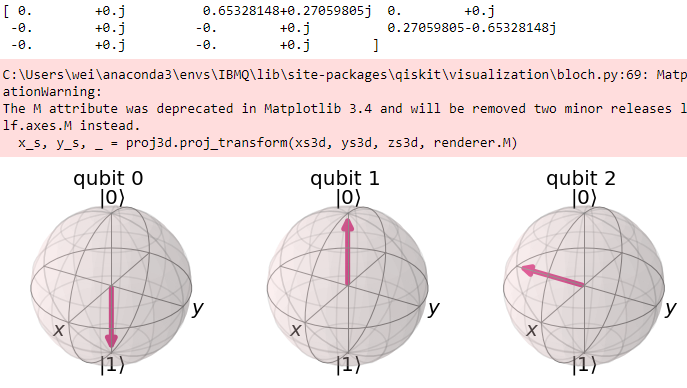
i) ∣ψ ⟩B:





∣ψ ′ ⟩­B:





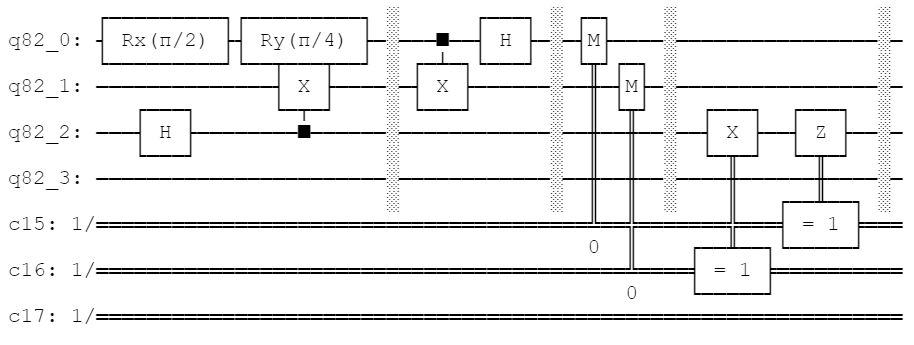
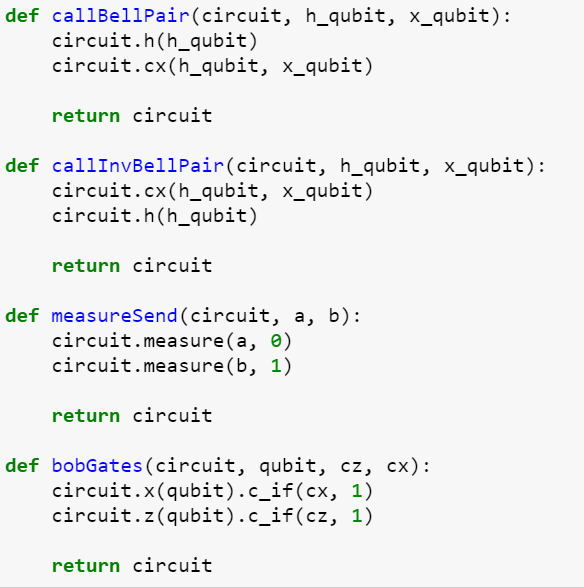
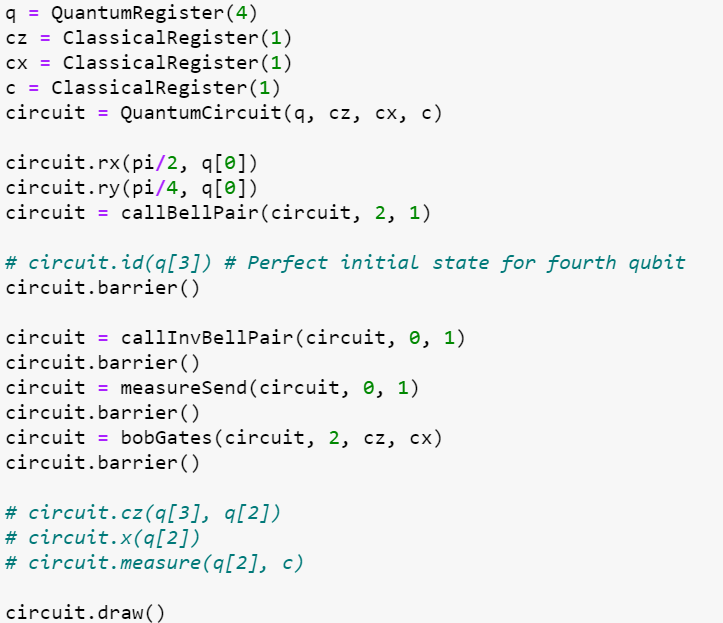


Figure 1

Figure 1 show the circuit for quantum teleportation. From the figure of i), quantum teleportation work well.

Code:





ii)