2022 Digital IC Design Homework 1

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| **Functional Simulation Result** | | | | | | |
| Stage 1 | Pass/Fail | | Stage 2 | Pass/Fail | Stage 3 | Pass/Fail |
| **Stage 1** | | | | | | |
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| **Stage 2** | | | | | | |
|  | | | | | | |
| **Stage 3** | | | | | | |
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| **Description of your design** | | | | | | |
| 1 bit alu 就自己設計在裡面寫了兩種多工器的模組然後主要分成四大塊，分別是兩個兩輸入多工器、一個四輸入多工器、跟一個FA呼叫模組，再依照1bit alu 所需要的輸出進行串接。  8 bit alu 就比較單純了，就根據圖片所要求把剛剛設計的1bit alu 宣告7個按照其要求把輸入輸出接好就這樣。 | | | | | | |