

| ① <u>Assembly Instruction</u> | <u>Memory Address (Hex)</u> | <u>Machine Language (Hex)</u> |
|-------------------------------|-----------------------------|-------------------------------|
| LXI H, 2000H                  | 2100                        | 21                            |
|                               | 2101                        | 00                            |
|                               | 2102                        | 20                            |
| MOV B, M                      | 2103                        | 46                            |
| INX H                         | 2104                        | 23                            |
| MOV C, M                      | 2105                        | 4E                            |
| MOV A, B                      | 2106                        | 78                            |
| ADD B                         | 2107                        | 80                            |
| CMP C                         | 2108                        | B9                            |
| JC Make                       | 2109                        | DA                            |
|                               | 210A                        | 14                            |
|                               | 210B                        | 21                            |
| JZ Make                       | 210C                        | CA                            |
|                               | 210D                        | 14                            |
|                               | 210E                        | 21                            |