|  |  |  |
| --- | --- | --- |
| Memory Location  **PC** | Instruction / Operation | Opcode (Operation Code) |
| 8000H – 3E (mvi a)  8001H - 04 | Mvi a,**04**H | 3E ,04  (2 bytes) |
| 8002H – 06  (mvi b)  8003H – 03 | Mvi b,03H | 06 ,03  ( 2 bytes) |
| 8004H – 80 | ADD b (a=a+b) | 80  (1 byte) |
| 8005H – 4F | Mov c,a | 4f (1 byte) |
| 8006H – 32 | STA 9000 | 3 byte |
|  |  |  |
| 8009H - 76 | HLT / RST | 76 ( 1 byte) |
|  |  |  |
|  |  |  |
|  |  |  |