Assembly Language – Assembly LanguFundamentals (2)

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1) Define WORD array myArray values 1234h、5678h、90ABh、0CDEh

```
.data
 myArray WORD 1234h, 5678h, 90ABh, 0CDEh(4); Please write
your code here.

 myArray WORD 1234h
         WORD 5678h
         WORD 90ABh
         WORD 0CDEh(10)
```
```
.code
;please write down your code to define WORD array above
Main PROC
       mov ax, myArray+1        ; ax = 5678h
       add ax, 2000h            ; ax = 7678h
       sub ax, 6444h            ; ax = 1234h
              ......
       exit
main ENDP
END main
```

2)Fill the memory status of array myArray below

2000h	DE(9) \ 0(84)34h(53)	2004h	ABh(42) \ AB(55) \ 78(22) \ 78h(29)
2001h	12h(52) \ CD(50) \ 0(84)	2005h	56(27) \ 90 (55)
2002h	78h(5) \ 78(55)	2006h	DE(2) \ 0C(58) \ 34h(79)
2003h	90(30) \ 56h(33)	2007h	12h (7) \ 0C(55) \ 0C

;fill the memory status e.g.1234h , 12h