**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**  ; Please write your code here.   |  | | --- | |  |   .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 | 34h | 2004h | ABh |
| 2001h | 12h | 2005h | 90h |
| 2002h | 78h | 2006h | DEh |
| 2003h | 56h | 2007h | 0Ch |

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