

```
; demo_cdecl(1, 2, 3, 4);    //programmer calls demo_cdecl
mov     [esp+12], 4          ; move parameter z to fourth pos
mov     [esp+8], 3           ; move parameter y to third pos
mov     [esp+4], 2           ; move parameter x to second pos
mov     [esp], 1             ; move parameter w to top of stack
call    demo_cdecl           ; call the function
```