

```
; demo_fastcall(1, 2, 3, 4);    //programmer calls demo_fastcall
    push    4                ; move parameter z to second position on stack
    push    3                ; move parameter y to top position on stack
    mov     edx, 2           ; move parameter x to edx
    mov     ecx, 1           ; move parameter w to ecx
    call    demo_fastcall    ; call the function
```