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