

console, argument

== apollo_asm ==

this program gets two argument from CLI.
A number (arg1), and a string (arg2).
it will repeat a number of times (arg1) the string (arg2).
if arg2 is missing default message is used instead.

```
* get arguments, print on console
* credits pisklak for the code

include exec/types.i
include exec/libraries.i
include     exec/exec_lib.i
include     dos/dos_lib.i

move.l     a0,string
move.l     d0,size

openlibs
move.l     $4,_ExecBase
lea       DosName,A1
move.l     #0,d0
CALLEXEC  OpenLibrary
move.l     d0,_DOSBase
CALLDOS   Output
move.l     d0,_stdout

convertstr
move.l     string,d1
move.l     #str_conv,d2
CALLDOS   StrToLong
cmp.l     #-1,d0
beq       prt_error
move.l     str_conv,d0
cmp.l     #1,d0
blo       prt_error
cmp.l     #20,d0
bhi       prt_error
move.l     #1,d3

loop
cmp.l     str_conv,d3
bhi       closelibs
move.l     d3,powt
move.l     #text,d1
move.l     #str_conv,d2
CALLDOS   VPrintf
add.l     #1,d3
```

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```
bra    loop
closelibs
    move.l    _DOSBase,A1
    CALLEXEC CloseLibrary
endprg clr.l    d0
    RTS
prt_error
    move.l    #mess_error,d1
    move.l    #0,d2
    CALLDOS    VPrintf
    bra    closelibs

size      dc.l    0
string    dc.l    0
str_conv  dc.l    5432
powt      dc.l    0
dlugosc   dc.l    0
text      dc.b    "You give as argument number %lu. Repeat no %lu",10,0
mess_error dc.b    "You do not give number or your number is not in range
1-20 !",10,0
_ExecBase dc.l    0
_DOSBase  dc.l    0
DosName   dc.b    "dos.library",0
_stdout   dc.l    0
_stdinput dc.l    0
```

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