

How would I create my own CBL_ALLOC_MEM and CBL_FREE_MEM routines?

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Here are some examples:

```
IDENTIFICATION DIVISION.  
    PROGRAM-ID. CBL_ALLOC_MEM.  
ENVIRONMENT DIVISION.  
DATA DIVISION.  
LINKAGE SECTION.  
    01 LNK-MEM-POINTER      POINTER.  
    01 LNK-MEM-SIZE         UNSIGNED-INT.  
    01 LNK-FLAGS            UNSIGNED-INT.  
PROCEDURE DIVISION USING LNK-MEM-POINTER  
                        LNK-MEM-SIZE  
                        LNK-FLAGS.  
  
MAIN.  
    IF LNK-MEM-SIZE GREATER THAN ZERO  
        CALL "calloc" USING BY VALUE 1  
                        BY VALUE LNK-MEM-SIZE  
                        RETURNING LNK-MEM-POINTER  
  
    END-IF.  
GOBACK.
```

```
id division.  
program-id. test.  
data division.  
working-storage section.  
77 mem-ptr usage pointer.  
procedure division.  
main-logic.  
    Â Â call "CBL_ALLOC_MEM" using mem-ptr, by value 100, by value 0.  
    Â Â call "CBL_FREE_MEM" using by value mem-ptr.
```

To compile and run:

```
iscc -cp CBL_ALLOC_MEM.cbl  
iscc -cp CBL_FREE_MEM.cbl  
iscc -cp test.cbl  
java -Discobol.shared_library_list=msvcrt.dll TEST
```

