

CBL DLL, THREAD

```
IDENTIFICATION DIVISION.
*=====*
CLASS-ID. PRODUCTLIST INHERITS BASE.

ENVIRONMENT DIVISION.
*=====*
CONFIGURATION SECTION.
* Class declarations
REPOSITORY.
    CLASS BASE          IS 'java.lang.Object'
    CLASS PRODUCT       IS 'Product'
    CLASS PRODUCTLIST IS 'ProductList'
.
* Class definition:
IDENTIFICATION DIVISION.
*=====*
OBJECT.
*=====*
DATA DIVISION.
*=====*
WORKING-STORAGE SECTION.
77 LIST-LENGTH PIC S9(9) COMP VALUE 0.
01 LIST-OF-PRODUCTS.
    02 PROD OBJECT REFERENCE PRODUCT OCCURS 100 TIMES.

PROCEDURE DIVISION.
*=====*
* Method definitions:
IDENTIFICATION DIVISION.
METHOD-ID. 'GetLength'.
DATA DIVISION.
LINKAGE SECTION.
    01 LEN PIC S9(9) COMP.
PROCEDURE DIVISION RETURNING LEN.
    MOVE LIST-LENGTH TO LEN
.
END METHOD 'GetLength'.
IDENTIFICATION DIVISION.
METHOD-ID. 'AddProduct'.
DATA DIVISION.
LINKAGE SECTION.
    01 PRD OBJECT REFERENCE PRODUCT.
PROCEDURE DIVISION USING BY VALUE PRD.
    ADD 1 TO LIST-LENGTH
    SET PROD(LIST-LENGTH) TO PRD
.
END METHOD 'AddProduct'.
IDENTIFICATION DIVISION.
METHOD-ID. 'GetLastProduct'.
DATA DIVISION.
LINKAGE SECTION.
    01 PRD OBJECT REFERENCE PRODUCT.
PROCEDURE DIVISION RETURNING PRD.
    SET PRD TO PROD(LIST-LENGTH)
.
END METHOD 'GetLastProduct'.
* End of PROCEDURE DIVISION
*=====*
END OBJECT.
END CLASS PRODUCTLIST.
```