

LCASE\$ - Convert Alphabetic Characters to Lower Case

The LCASE\$ routine converts a string containing alphabetic characters to lower case.

1. Invocation

To convert a text-string containing alphabetic characters to lower-case:

```
CALL LCASE$ USING string length
```

where *string* is a PIC X(n) variable length text-string and *length* is a PIC 9(4) COMP variable, or literal, indicating the length of the text-string.

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by LCASE\$:

STOP code	Description
20205	The length parameter is zero.

No exceptions are returned by LCASE\$.

3. Programming Notes

LCASE\$ is only available with GSM SP-33, or later.

LCASE\$ uses a character-based conversion so that only alphabetic characters are converted. See the following before/after results:

```
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNPOQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxy{|}~
!"#$%&'()*+,-./0123456789:;<=>?@abcdefghijklmnopqrstuvwxy[\]^_`abcdefghijklmnopqrstuvwxy{|}~
```

4. Examples

None.

5. Copy-Books

None.

6. See Also

UPPER\$ Convert to upper-case
 LOWER\$ Convert to lower-case
 UCASE\$ Convert alphabetic characters to upper-case