

# UCASE\$ - Convert Alphabetic Characters to Upper Case

The UCASE\$ routine converts a string containing alphabetic characters to upper case.

## 1. Invocation

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

```
CALL UCASE$ 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 UCASE\$:

STOP code	Description
20205	The length parameter is zero.

No exceptions are returned by UCASE\$.

## 3. Programming Notes

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

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

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

## 4. Examples

None.

## 5. Copy-Books

None.

## 6. See Also

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