

IX.3.0B-SYSTEM-SUBSTR SUBROUTINE SUBSTR

Description

Subroutine SUBSTR copies 1 byte words from one variable to another.

Calling Sequence

CALL SUBSTR (IN, IBEGI, NUM, OUT, IBEGO)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
IN	Input	<u>1</u> /	NUM	Variable from which bytes are to be copied
IBEGI	Input	I*4	1	Starting byte location in IN <u>2</u> /
NUM	Input	I*4	1	Number of 1 byte words to be copied
OUT	Output	<u>1</u> /	NUM	Variable to which bytes are to be copied
IBEGO	Input	I*4	1	Starting byte location in OUT

Notes:

1/ Any 1 byte data type.

2/ If a positive value any leading or trailing bytes in the word will be set to blank. For example:

```
CHAR='XXXX'  
CALL SUBSTR ('ZZ',1,2,CHAR,2)
```

would result in CHAR being ' ZZ '.

If a negative value any leading or trailing bytes in the word will not be set to blank. For example:

```
CHAR='XXXX'  
CALL SUBSTR ('ZZ',1,2,CHAR,-2)
```