

ITEL LEASING CORPORATION

USER PROCEDURES

- ANSWER (*,*)

FORTRAN SUBROUTINE

Inputs a "YES" or "NO" answer from standard input device. Returns to first label specified if answer is YES; returns to second label if answer is NO. Requests YES or NO answer if answer isn't one of the two.

Useful in programs which require a conversational structure.

- ANSWER' (YESLABEL, NOLABEL)

SPL PROCEDURE

LABEL YESLABEL, NOLABEL

Same as ANSWER, but for use with SPL procedures.

- ASCIITOREAL (CHAR, LENGTH)

FORTRAN FUNCTION (REAL)

CHAR: character string to be converted
LENGTH: number of characters in CHAR

Converts ASCII character string to equivalent decimal floating point number.

Used by SPL procedures to convert ASCII input of a real number to its decimal equivalent.

Procedure head for SPL program:

Real Procedure ASCIITOREAL (CHAR,LENGTH);
BYTE ARRAY CHAR;
INTEGER LENGTH;
OPTION EXTERNAL;

For further information, contact

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```
1 SUBROUTINE ANSWER(*,*)
2 CHARACTER*3 ANS,YES,NO,BLANK
3 YES="YES"
4 NO="NO "
5 1 ACCEPT ANS
6 IF(ANS.EQ.YES) RETURN 1
7 IF(ANS.EQ.NO) RETURN 2
8 DISPLAY "TYPE YES OR NO"
9 GO TO 1
10 END
```

TEXT FILE : ANSWER1

```

1 BEGIN
2 PROCEDURE ANSWER*(YESLABEL,NOLABEL);
3 LABEL YESLABEL,NOLABEL;
4 BEGIN
5     BYTE ARRAY ANSWER(0:3);
6     ARRAY ANS(*)=ANSWER,YES(0:0),NO(0:0),MESG(0:6);
7     INTEGER LEN;
8     INTRINSIC READ,PRINT;
9     <<                                     >>
10    <<                                     >>
11    <<          STATEMENTS                >>
12    <<                                     >>
13    ANS:=" ";
14    YES:="YE";
15    NO:="NO";
16    MOVE MESG:="TYPE YES OR NO";
17    READ*ANS: LEN:=READ(ANSWER,-4);
18    IF ANS=YES THEN GO TO YESLABEL
19    ELSE IF ANS=NO OR LEN=0 THEN GO TO NOLABEL;
20    PRINT(MESG,7,0);
21    GO READ*ANS;
22 END;
23 END.

```

Text File: ANSWER2

```
1 FUNCTION ASCIITOREAL (CHAR,LENGTH)
2 CHARACTER*(LENGTH) CHAR
3 ASCIITOREAL=RNUM (CHAR)
4 RETURN
5 END
```

TEXT FILE : ASCREAL