NAME
ARGLST − Get a list of integers from command parameters.

SYNOPSIS
CALL ARGLST(LIST,LL,NL,RC)

LIST(LL)   is the INTEGER*4 list of integers returned
LL   is the INTEGER*4 dimensioned size of LIST
NL   is the INTEGER*4 number of integers found
RC   is the INTEGER*4 return code; see below

DESCRIPTION
The routine uses IARGC to find the number of command parameters. If there are are no parameters, the routine returns NL=0. Otherwise it processes the parameters one at a time, using RNGLST to expand each range specification into separate integers in LIST.

SEE ALSO
RNGLST, which this routine invokes.

DIAGNOSTICS
On output these are the possible RC values:

0   all went well
1   parse error
2   more than LL entries for LIST
3   no command parameters were found

LINKAGE
gfortran   source.f   −L${HOME}/lib   −lmisc

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EXAMPLE
```
      INTEGER*4 LIST(20),RC
      CALL ARGLST(LIST,20,NL,RC)
      WRITE(6,901) RC,(LIST(I),I=1,NL)
  901 FORMAT('RC=',I1,' LIST=',20I3)
      STOP
      END
```

When this program is compiled and run it produces the following output.

```
unix[1] a.out 123
RC=0 LIST=123
unix[2] a.out 8-2 4 3-6
RC=0 LIST=  8  7  6  5  4  3  2  4  3  4  5  6
unix[3]
```