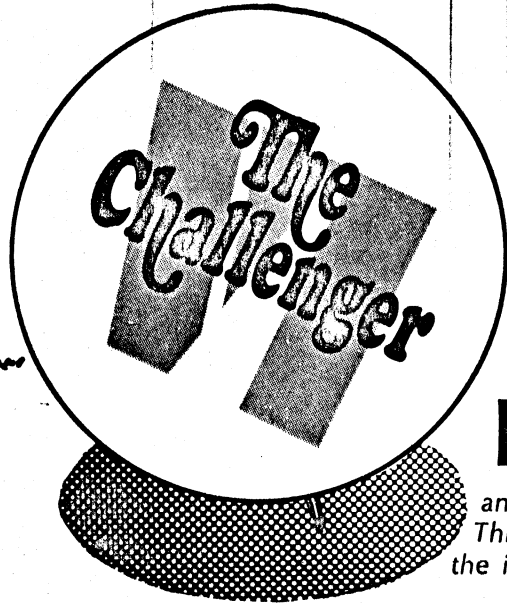


JHS from JMB



Put Up Your Processor

and kiss old-fashioned time-sharing goodbye. This quick benchmark program demonstrates the immense central processor power of UCS VI.

PRINT OUT

```

RUN
11/06/69. 15.35.52.
PROGRAM RND531T

UNITED COMPUTING SYSTEMS ... UCS VI
THE CHALLENGER

RANDOM NUMBER GENERATOR WITH SORT ROUTINE
ENTER NO. OF RANDOM NUMBERS DESIRED, PRINTOUT FREQUENCY
? 1000,100
.998644
.903808
.797359
.691085
.588785
.49765
.396796
.294281
.193252
9.60122 E-2
ITERATIONS = 500499

C.P 41.750 SEC
RUN COMPLETE.

```

Run it on any other time-sharing system.

PROGRAM LISTING (Reduced):

```

LIST
11/06/69. 15.54.04.
PROGRAM RND531T

5 DIM A(1000)
6 PRINT
7 PRINT "UNITED COMPUTING SYSTEMS ... UCS VI"
8 PRINT "THE CHALLENGER"
11 PRINT "RANDOM NUMBER GENERATOR WITH SORT ROUTINE"
14 PRINT
15 PRINT "ENTER NO. OF RANDOM NUMBERS DESIRED, PRINTOUT FREQUENCY"
17 INPUT N,H
20 FOR I=1 TO N
30 A(I)=RND(-1)
35 NEXT I
36 G=0
38 M=N-1
40 FOR I=1 TO M
44 P=0
45 K=I
50 FOR J=K TO N
53 P=P+1
55 IF A(I) > A(J) THEN 100
60 D=A(I)
65 A(I)=A(J)
70 A(J)=D
100 NEXT J
105 G=G+P
110 NEXT I
200 FOR J=1 TO N STEP H
210 PRINT A(J)
300 NEXT J
500 PRINT "ITERATIONS = ";G
1000END

RUN COMPLETE.

```

Add United Computing Systems extraordinary service, storage, cost/efficiency ratio, applications, National Database and toll-free communications network; experience a new reality in Time-Sharing: UCS VI. Any questions?

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