

C/
STATEMENT
NUMBER CONT.

FORTRAN STATEMENT

PROGRAM
IDENTIFICATION

C/ STATEMENT NUMBER CONT.	FORTRAN STATEMENT	PROGRAM IDENTIFICATION
000000	00001111111111112222222222233333333333444444444445555555555566666666666777	777777778
123456	7890123456789012345678901234567890123456789012345678901234567890123456789012	34567890
C	THIS PROGRAM CALCULATES ALL PRIME NUMBERS FROM 11 TO 50	PRIME010
	DO 10 I=11, 50, 2	PRIME020
	J=1	PRIME030
4	J=J+2	PRIME040
	A=J	PRIME050
	A=I/A	PRIME060
	L=I/J	PRIME070
	B=A-L	PRIME080
	IF (B) 5, 10, 5	PRIME090
5	IF (J .LT. SQRT (FLOAT (I))) GO TO 4	PRIME100
	WRITE (6, 105) I	PRIME110
105	FORMAT (I4, ' IS PRIME')	PRIME120
10	CONTINUE	PRIME130
	END	PRIME140