O	-			
	1 2 3	PROGRAM FACTORIAL C THIS PROGRAM COMPUTES THE FACTORIAL OF A GIVEN NUMBER 0000020 INTEGER N, FACT, I 0000030	1 2 3 4	
	4 5 6	PRINT *, 'ENTER A POSITIVE INTEGER:' 0000040 READ *, N 0000050 IF (N .LT. 0) THEN 0000060	5 6 7 8	
	7 8 9	PRINT *, 'INVALID INPUT! MUST BE POSITIVE.' 0000070 STOP 0000080 ENDIF 0000090	9 10 11 12	
	10 11 12 13	FACT = 1 0000100 I = 1 0000110 100 IF (I .GT. N) GOTO 200 0000120 FACT = FACT * I 0000130	13 14 15 16 17	
	14 15 16	I = I + 1 0000140 GOTO 100 0000150	18 19 20 21	
		C OUTPUT THE RESULT 0000170 300 FORMAT(' FACTORIAL OF ', 0000180 & I4. 0000181	22 23 24 25	
	20 21 22	& 'IS', 0000182 & I10) 0000183 C END OF PROGRAM 0000190	26 27 28 29	
	23 24 25		30 31 32 33 34	
	26 27 28		35 36 37 38	
	30 31 32		39 40 41 42	
	33 34 35		43 44 45 46	
	36 37 38		48 49 50 51	
	39 40 41		52 53 54 55 56	
	42 43 44 45		56 57 58 59 60	
	46 47 48		61 62 63 64	
	49 50 51		65 66 67 68	
	52 53 54		69 70 71 72	
	55 56 57		73 74 75 76	
	58 59		77 78 79	