

알렉산더 그레이엄 벨

- 전화기 발명
- AT&T를 설립하기도 함
- 벨 연구소를 세움 - 트랜지스터, 정보이론, C 언어 탄생한 곳

Started in 1969
UNIX[®]
An Open Group Standard



Dennis Ritchie
1941-2011



THE
C
PROGRAMMING
LANGUAGE
Born in 1972



Ken Thompson
1943-Present



둘이서 UNIX 라는 운영체제를 만들던 중 어셈블리 언어로만은 부족하다고 느끼고
응용프로그램을 만들기 위한 C 언어 제작

BASIC (Beginner's All-purpose Symbolic Instruction Code)

```
READY
10 FOR X=1 TO 10
20 PRINT "HOLA WIKIPEDIA"
30 NEXT X
RUN
HOLA WIKIPEDIA
HOLA WIKIPEDIA
HOLA WIKIPEDIA
HOLA WIKIPEDIA
HOLA WIKIPEDIA
HOLA WIKIPEDIA
HOLA WIKIPEDIA
HOLA WIKIPEDIA
HOLA WIKIPEDIA
HOLA WIKIPEDIA
READY
```

```
C AREA OF A TRIANGLE WITH A STANDARD SQUARE ROOT FUNCTION
C INPUT - TAPE READER UNIT 5, INTEGER INPUT
C OUTPUT - LINE PRINTER UNIT 6, REAL OUTPUT
C INPUT ERROR DISPLAY ERROR OUTPUT CODE 1 IN JOB CONTROL LISTING
  READ INPUT TAPE 5, 501, IA, IB, IC
  501 FORMAT (3I5)
C IA, IB, AND IC MAY NOT BE NEGATIVE OR ZERO
C FURTHERMORE, THE SUM OF TWO SIDES OF A TRIANGLE
C MUST BE GREATER THAN THE THIRD SIDE, SO WE CHECK FOR THAT, TOO
  IF (IA) 777, 777, 701
  701 IF (IB) 777, 777, 702
  702 IF (IC) 777, 777, 703
  703 IF (IA+IB-IC) 777, 777, 704
  704 IF (IA+IC-IB) 777, 777, 705
  705 IF (IB+IC-IA) 777, 777, 799
  777 STOP 1
C USING HERON'S FORMULA WE CALCULATE THE
C AREA OF THE TRIANGLE
  799 S = FLOATF (IA + IB + IC) / 2.0
  AREA = SQRTF( S * (S - FLOATF(IA)) * (S - FLOATF(IB)) *
  + (S - FLOATF(IC)))
  WRITE OUTPUT TAPE 6, 601, IA, IB, IC, AREA
  601 FORMAT (4H A= ,I5,5H B= ,I5,5H C= ,I5,8H AREA= ,F10.2,
  + 13H SQUARE UNITS)
  STOP
  END
```

Fortran

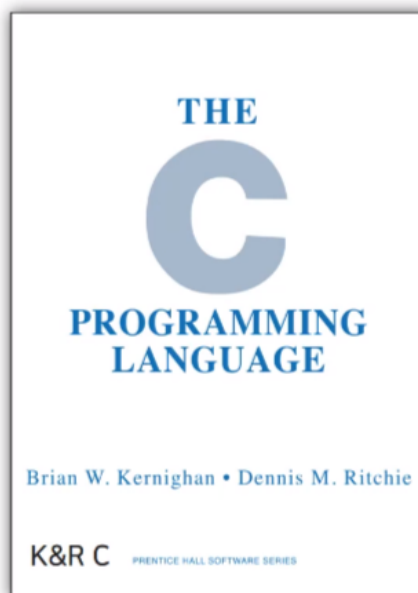
(formerly FORTRAN, derived from *Formula Translation*)

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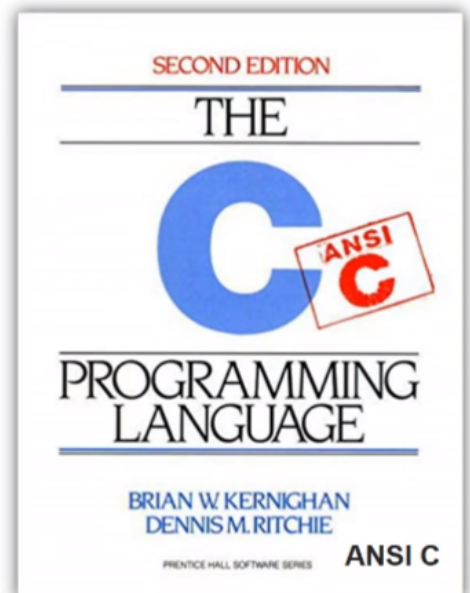
C 언어 이전 또는 동시대의 언어들



Brian Wilson Kernighan
Born January 1, 1942



February 22, 1978



April 1988

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