

CS 103000

Prof. Madeline Blount

Week 3:

LOGIC && CONDITIONALS

ATTENDANCE:

<https://cs103-proton.glitch.me>



Dall-E 2: cats learning C++ in the forest on '90's technology

## COLOSSAL CAVE ADVENTURE

Will Crowther (1976)

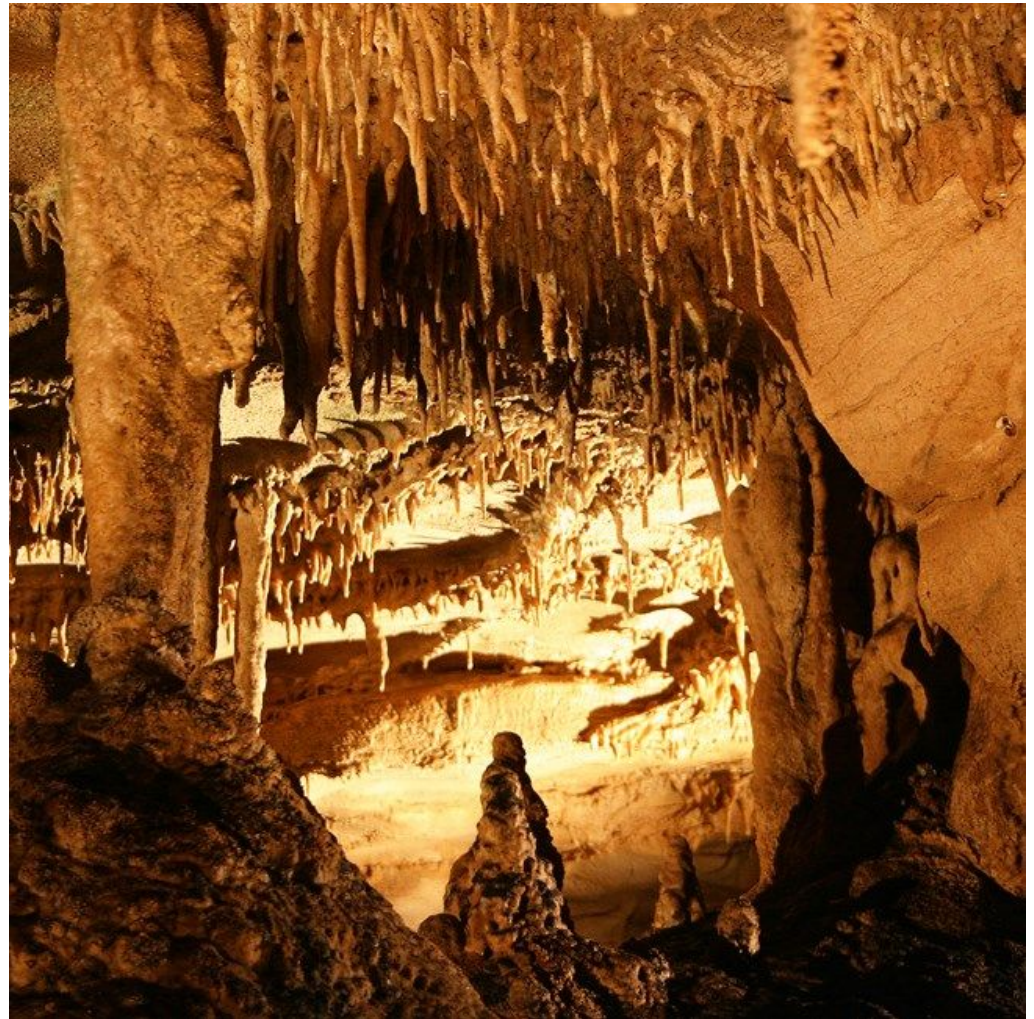
Patricia Crowther

Don Woods (1977)

Mammoth Cave, Kentucky

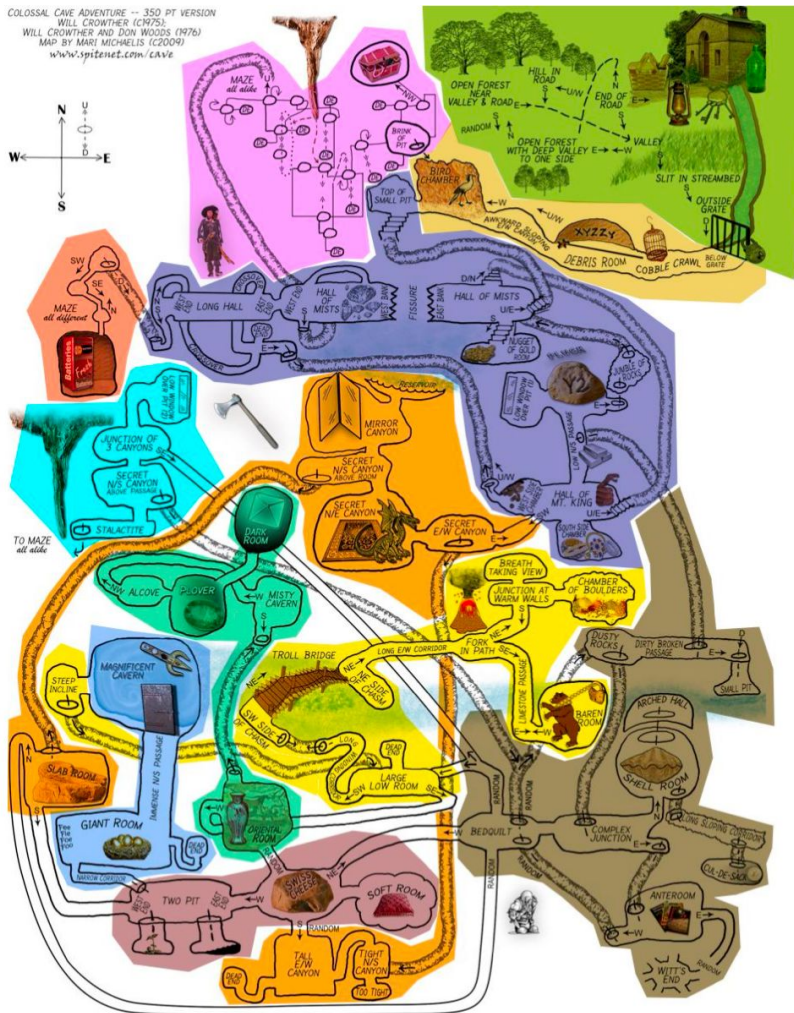
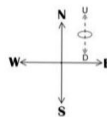
Longest cave in the world

FORTRAN, 700 lines of code





COLOSSAL CAVE ADVENTURE -- 350 PT VERSION  
 WILL CROWTHER (1975)  
 WILL CROWTHER AND DON WOODS (1976)  
 MAP BY MARI MICHAELIS (2004)  
 www.spitznet.com/cave



WellhouseVR

CobbleCrawl

HallOfMists

SecretCanyon

TwoPit

GiantRoom

Orient

Junction

MazeAlike

MazeDifferent

Bedquilt

Troll

&& AND      $(x == y \ \&\& \ y == z)$

|| OR      $(x == y \ || \ y == z)$

! NOT      $!(x == y)$  NOT

!!(x == y)

NOT NOT ... TRUE!

BANG BANG!

<b>Data Type</b>	<b>Memory Size</b>
<code>bool</code>	1 byte
<code>char</code>	1 byte
<code>int</code>	4 bytes
<code>float</code>	4 bytes
<code>double</code>	8 bytes
<code>std::string</code>	24 bytes

bool <name>

TRUE or FALSE

1 or 0