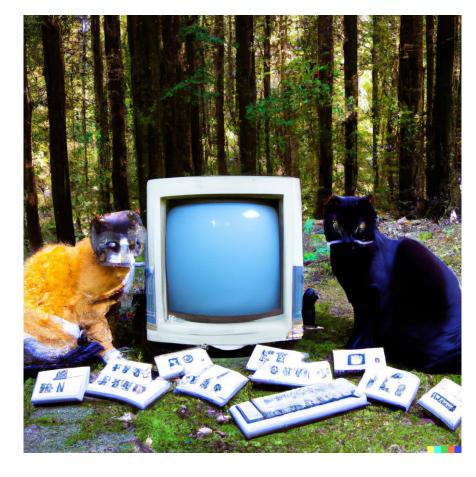
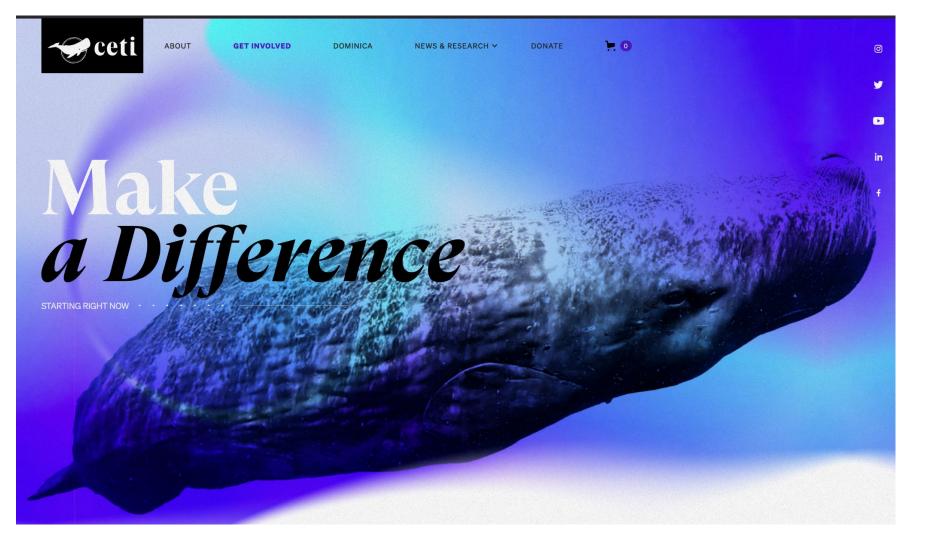
CS 103000 Prof. Madeline Blount

Week 5: LOOPS (part 2) □ NESTED LOOPS

Attendance: none today 6



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



CAN WE TALK TO WHALES?

Researchers believe that artificial intelligence may allow us to speak to other species.

By Elizabeth Kolbert

Scientists involved:

- CUNY (Gruber, biologist)
- MTT
- Oxford
- Harvard

Github link, C++

"I think it's something that people get really excited about: Can we go from science fiction to science?" Rus told me. "I mean, can we talk to whales?"

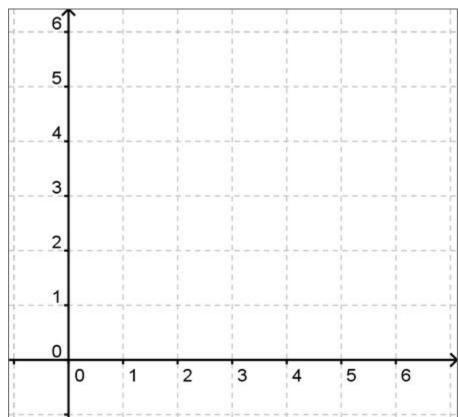
```
for loops!
```

```
int i;
for (i = 0; i < max; i++) {
 // loop in here
```

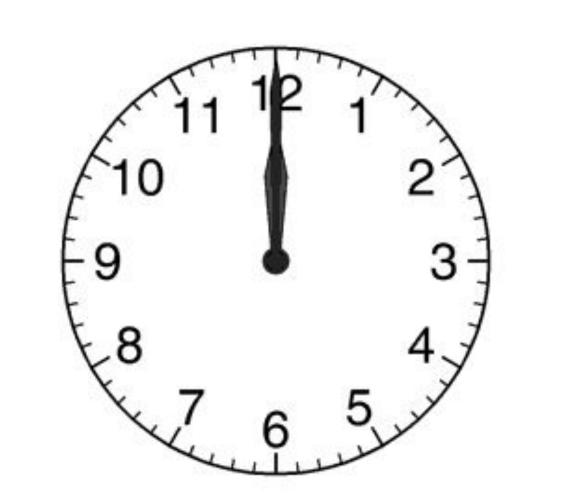


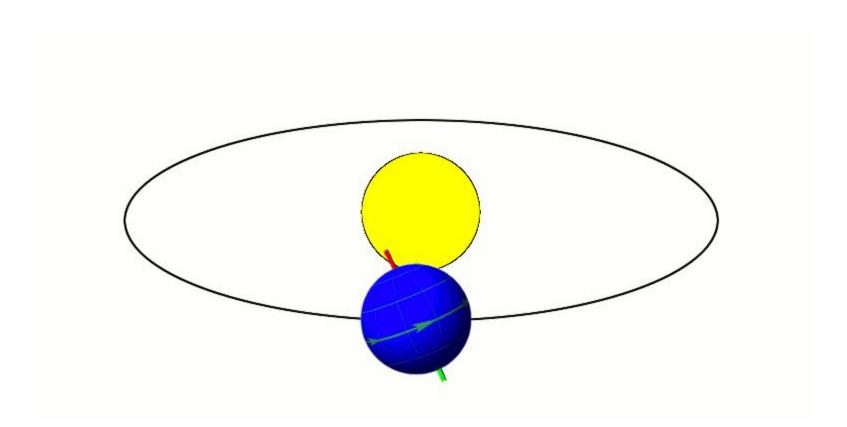


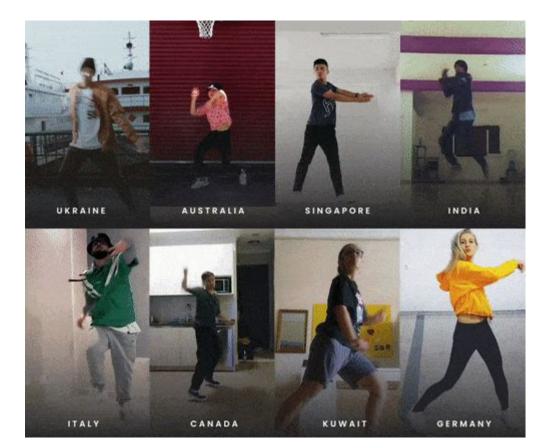
Nested for loops:
MULTI-DIMENSIONAL

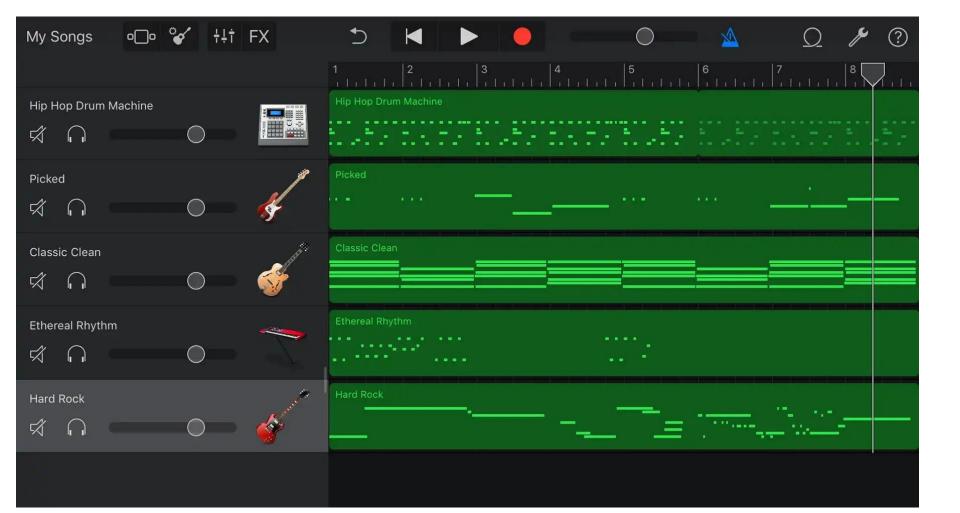












Project Euler net



About

Archives

Recent

News

Register

Sign In

Special Pythagorean triplet

Problem 9





A Pythagorean triplet is a set of three natural numbers, a < b < c, for which,

$$a^2 + b^2 = c^2$$

For example, $3^2 + 4^2 = 9 + 16 = 25 = 5^2$.

There exists exactly one Pythagorean triplet for which a + b + c = 1000. Find the product *abc*.

euler #9 answer: 31875000

"brute force"



using loops + computation power