

Hi all,

Unity Game Engine

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Weekly Challenge #6 Review

OSU Wireless

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Weekly Challenge #7

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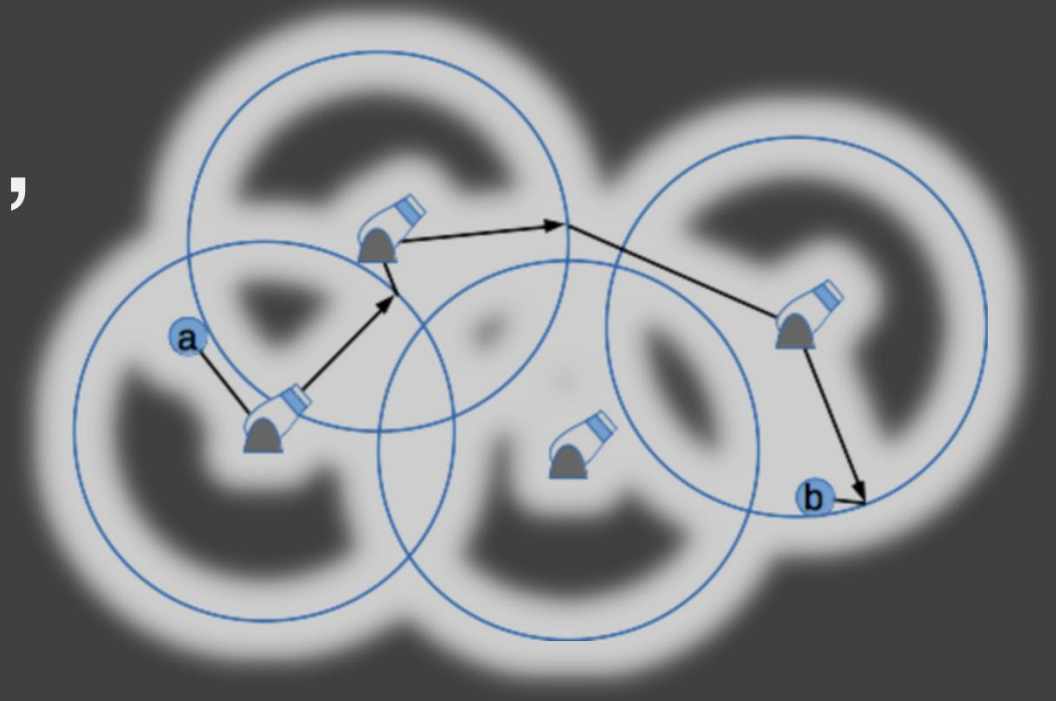
Photo Source: Fir0002

Human Cannonball Run

There are lots of human cannons available at the International Human Cannonball Conference. You are navigating the conference.

Human Cannonball Run

To travel quickly,
in addition to running,
you could find
nearby cannons
and launch yourself.



Human Cannonball Run

You run at 5m/s and all cannons launch you 50m in 2s .

Given your location, a destination, and the positions of cannons, can you calculate the minimal time to travel?

Sample Input

25.0 100.0

190.0 57.5

4

125.0 67.5

75.0 125.0

45.0 72.5

185.0 102.5

Sample Output

19.984901

Human Cannonball Run

<https://open.kattis.com/problems/humancannonball>