



How are you all doing!? Hopefully your first week of CIP went well!

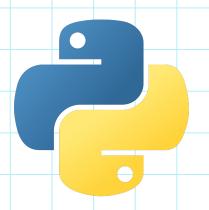
To start off section, let's do a quick check-in question.

Choose one of the following to answer:

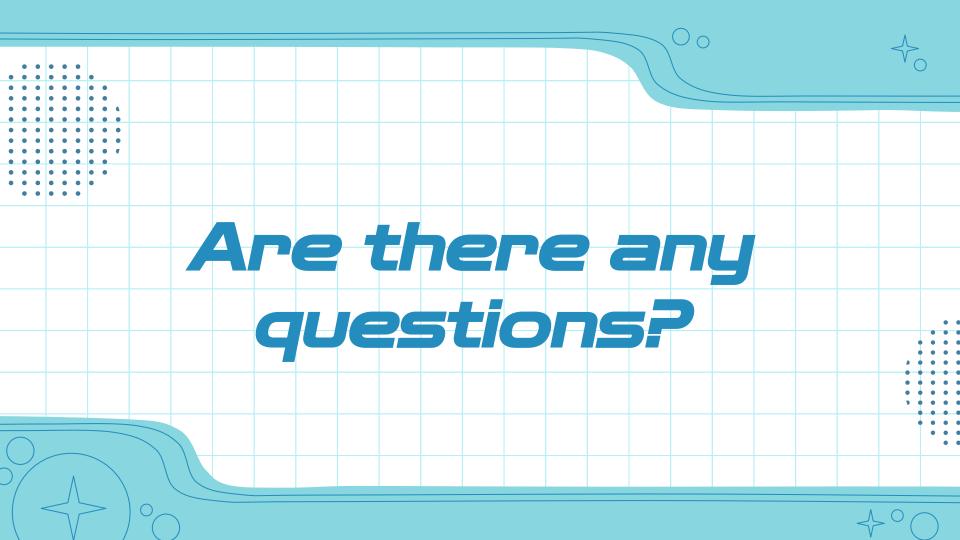
- What's one thing you have enjoyed or found fun about CiP so far?
- What has been your favorite problem to work on so far?
- What are you looking forward to using Python/CS for?



A CIP student baked these!







# Section Problem

Another Karel problem! This time, we want to do something that is algorithmically interesting and challenging. This is intended to be harder than last week's section problem!







### Sample Starting World

We have some amount of beepers which are stacked in a single pile.

Before:





### Sample Output World

We want to take these beepers and spread them out across the row.

Afte











(Notice how there are still only four beepers in the world!!!)



# Key Problem Details

#### Beepers

The "catch" to this problem?
Karel has infinite beepers in its bag



#### World Attributes

There is only one row in the world. The world is wide enough for all of the beepers

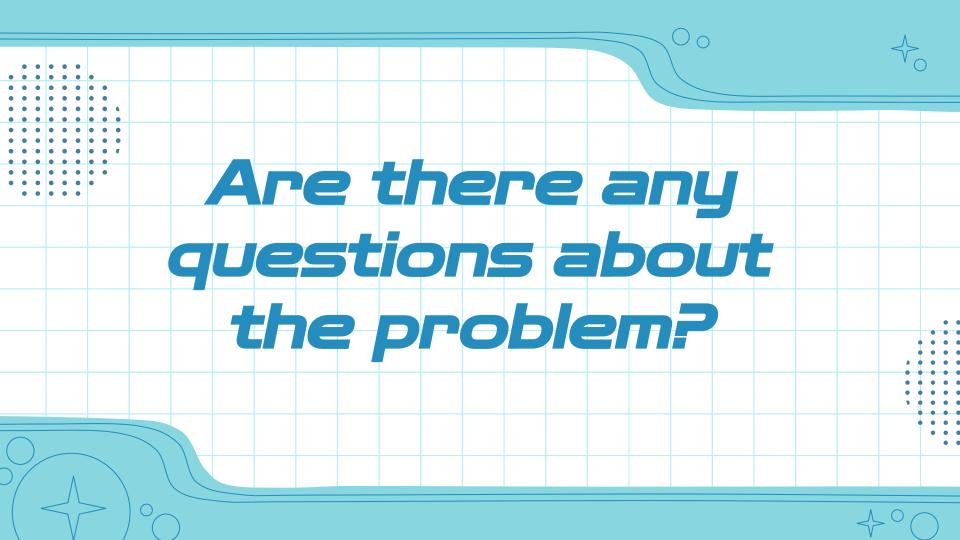


#### Locations

The pile of beepers is on the second column. (In front of where Karel starts.)

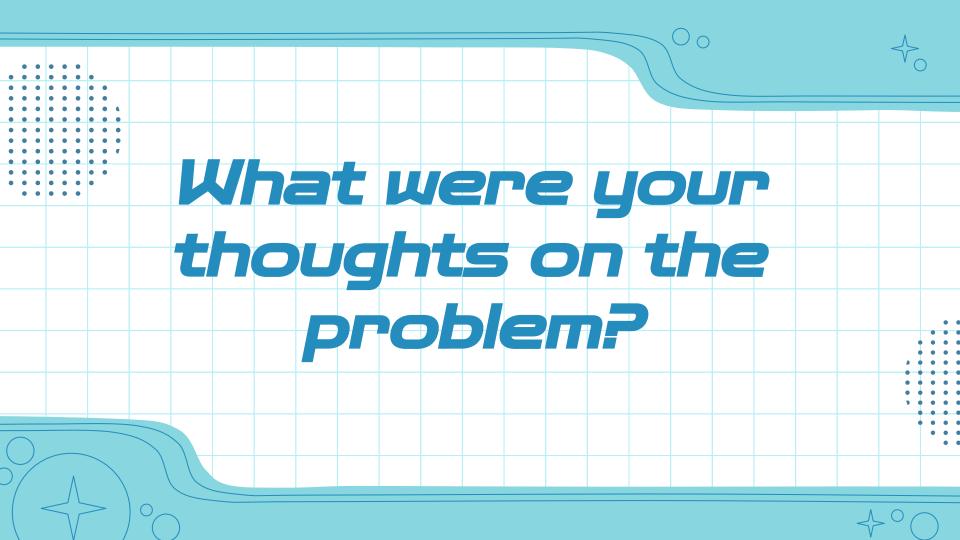


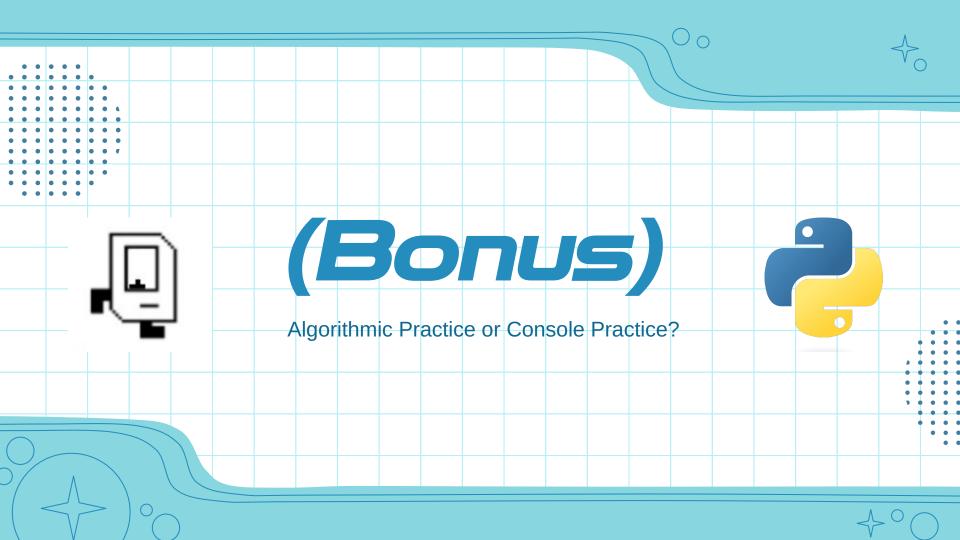


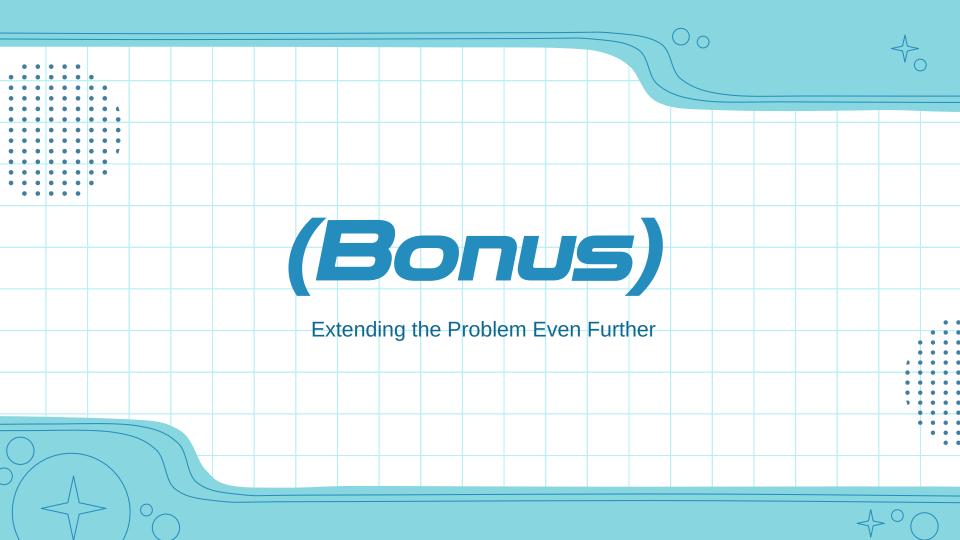


# Let's code this up!

Would you all prefer to do this in breakout rooms or as a whole group?



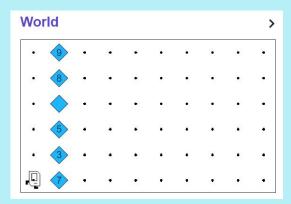






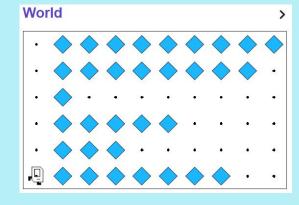
# Sample Starting World

We have multiple rows with piles of beepers now!

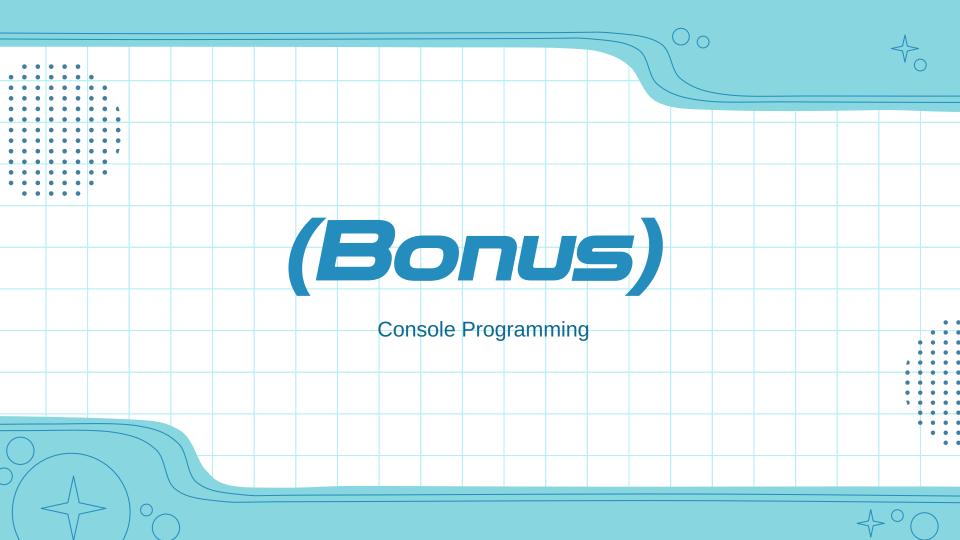


## Sample Output World

We want to spread all of the rows!









# Sample Input

Enter any message you'd like:

Enter any message you'd like: **coding rocks!** 

(User input is in bold italics)

# Sample Output

coding rocks!

