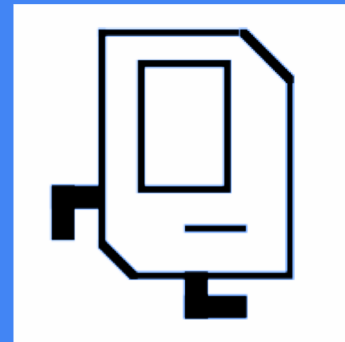


Monty's Coders Section

Week 1 [May 2, 2024]



Welcome to the section!

Agenda

- 1) Name your favorite food.
- 2) How are we doing?
- 3) Week 2 Problem: Spread Beepers (One Row).
- 4) Bonus: Spread Multiple Rows of Beepers.
- 5) Bonus: Repeat-a-Message.

Materials

- Course Materials: <https://github.com/mkrdip/codeinplace-2024>
- Week 2: <https://github.com/mkrdip/codeinplace-2024/tree/main/week2>
- Section Leader: Mrinal (Mree-nal) Roy
- Email: mkrdip@gmail.com

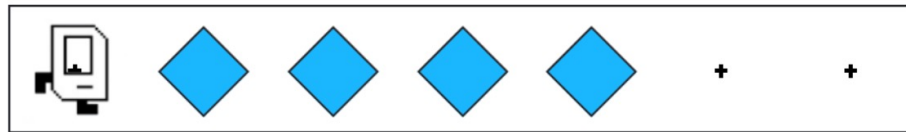
Week 2 Problem: Spread Beepers (One Row)

Before:



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

After:

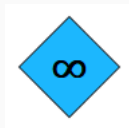


- We want to take these beepers and spread them out across the row.
- Notice how there are still only four beepers in the world!
- Karel is back to its original place.

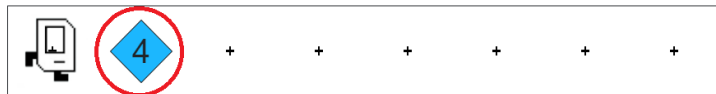
Week 2 Problem: Spread Beepers (One Row)

The catch!

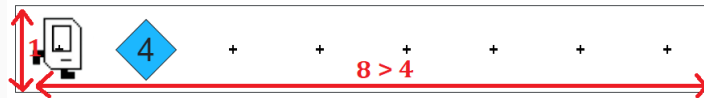
Karel has infinite beepers in its bag.



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



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



Follow-ups from questions

Python style

PEP 8 style guide: <https://peps.python.org/pep-0008/> is a great resource!

- It recommends **snake_case** over **camelCase**.
- “Function and variable names should be lowercase, with words separated by underscores as necessary to improve readability.”
- e.g., **def build_hospital()**