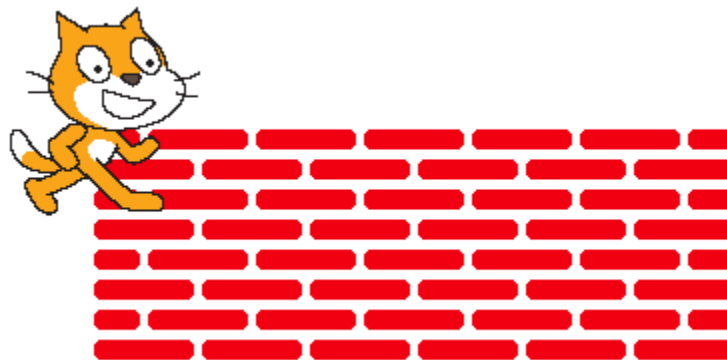


Homework 02 – Brick Wall & Movie work

This homework is to see how we can use broadcast to break a very hard problem up into much easier problems. After seeing other student's movies in class you might also want to go back and add a bit to your movie.

A brick wall!

The goal is to draw a brick wall that looks like this. You are free to change how the wall looks, but we recommend you get this working first.



- To get started, write blocks to draw half of a brick, a block that draws a full brick and a block that uses **pen up** to make a space.



- You may want to change your pen color and pen size using these pieces.



- The bottom row of the wall has all full bricks.



- Using a repeat, try to make "row1" that creates this line of bricks



- We think that answering these questions might help you...

- How many spaces are there in row1? _____
 - How many bricks are there in row 1? _____

- How long is the entire row1 of bricks? _____

- The second row of bricks has a half-brick at the beginning and end.



- Use a repeat to try to make “row2” that creates this line of bricks.



- We think that answering these questions might help you...

- How many spaces are there in row2? _____
- How many bricks are there in row 2? _____
- How many half-bricks are there in row2? _____
- How long is the entire row2 of bricks? _____

- We think that answering these questions might help you...

- We want row1 and row2 to be the same length. What can we use as the length for these:
 - Brick length _____
 - Half brick length _____
 - Space length _____