Hints for Warehouse

- When you attempt any graph question, the first step is always to model the graph
  - What do the nodes represent?
  - What do the edges represent? Are the edges directed?
  - Draw out the graph in the example test case. Does the graph make sense?
- The container occupies an R' by C' area. We need to frequently compute the sum of all the entries in an R' by C' area to figure out if it can support our box. Iterating through all the cells can be computationally expensive (takes $O(R'C')$ time). Can you do some preprocessing to allow this quantity to be computed in $O(1)$ time?
- How to figure out the heaviest box that you can transport?
  - If the box is too heavy, we can't transport this box, and we also can't transport any box that's even heavier...