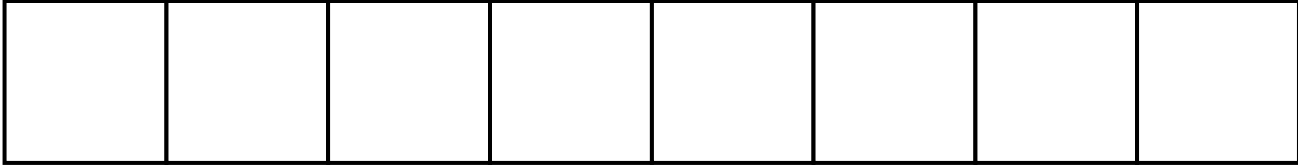
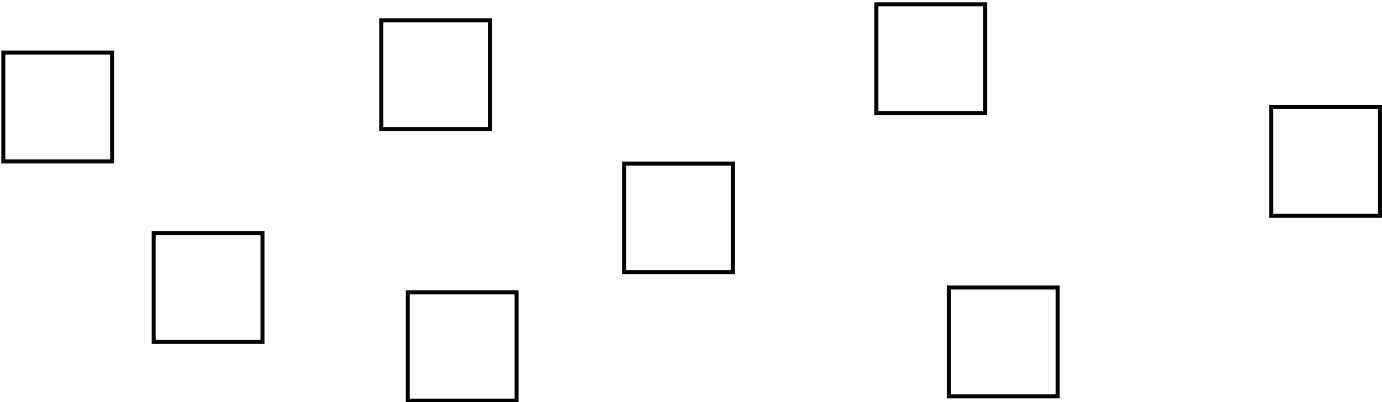


Arrays Vs. Linked Lists

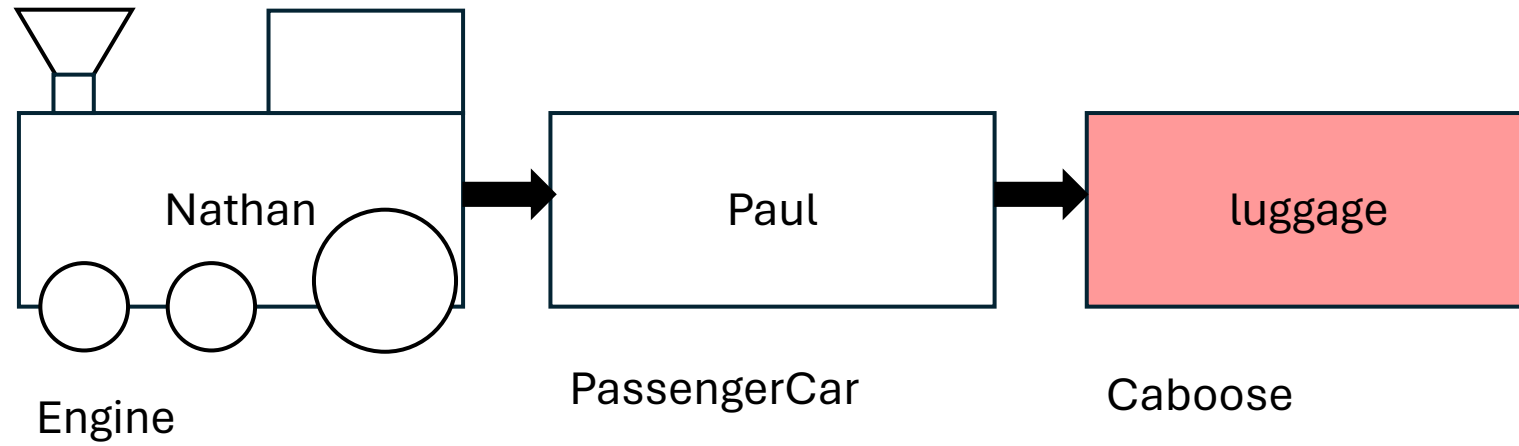
Array: Contiguous Memory



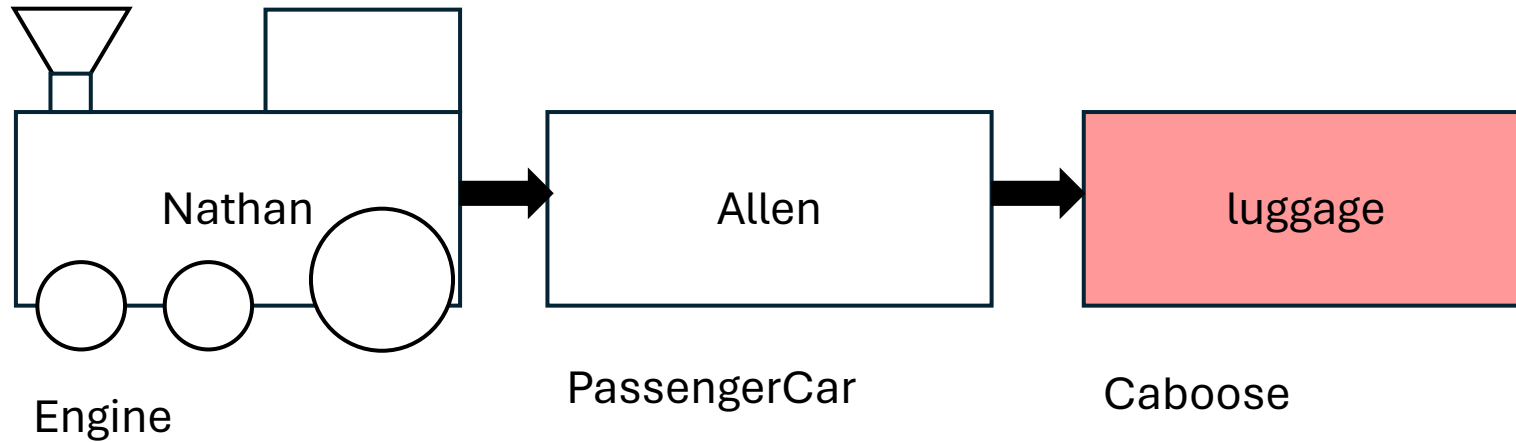
Linked Lists: Non-contiguous Memory



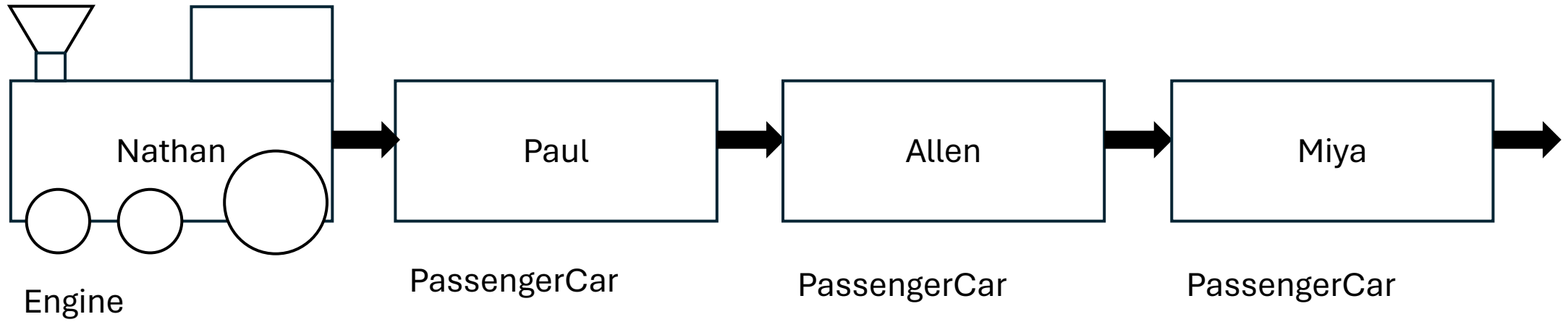
Make this train



Convert into this train



How can we make this one?

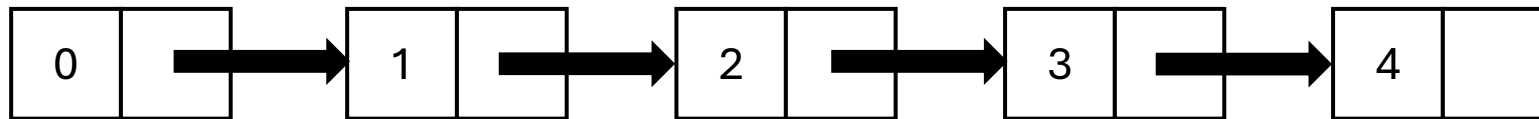


LinkedList puzzle

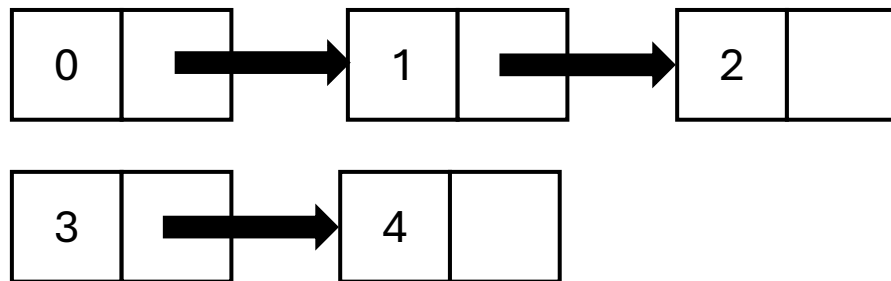
Rules:

- You can't change the data field
- You can only "start with" a left-most node

We start with this arrangement:



Now make it this:

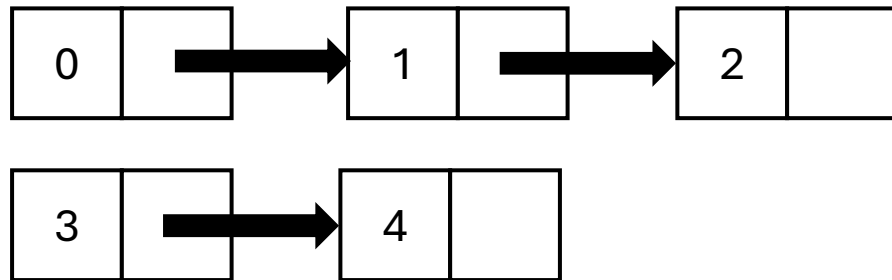


LinkedList puzzle

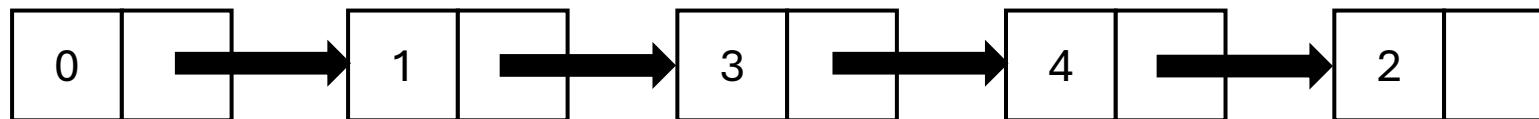
Rules:

- You can't change the data field
- You can only "start with" a left-most node

We start with this arrangement:



Now make it this:

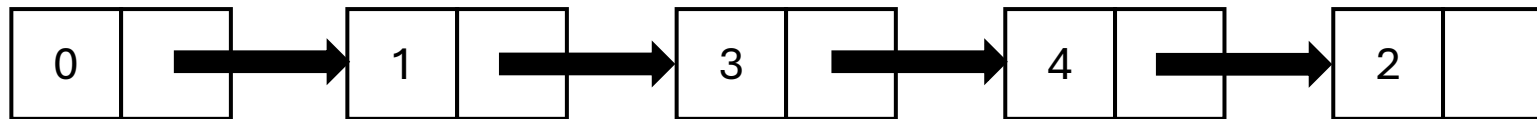


LinkedList puzzle

Rules:

- You can't change the data field
- You can only "start with" a left-most node

We start with this arrangement:



Now make it this:

