(join) Define function `join` to apply to a list of lists and produce their join. For example,

```
join [[0; 1; 2]; [nil]; [[3]]; [4; 5]] = [0; 1; 2; [3]; 4; 5]
```

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I'm going to define `join` so it applies to all lists, not just lists of lists. But when applied to a list of lists, it will produce their join, as required. Let `i` be an item, and let `s` and `t` be any strings. Then

- `join [nil] = nil`
- `join [i] = i`
- `join [s; t] = join [s] ;; join [t]`

Now let's try it in the example.

```
join [[0; 1; 2]; [nil]; [[3]]; [4; 5]]
= join [[0; 1; 2]] ;; join [[nil]] ;; join [[[3]]] ;; join [[4; 5]]
= [0; 1; 2] ;; [nil] ;; [[3]] ;; [4; 5]
= [0; 1; 2; [3]; 4; 5]
```