Exercise 2.28.

Write a procedure fringe that takes as argument a tree (represented as a list) and returns a list whose elements are all the leaves of the tree arranged in left-to-right order. For example,

```
(define x (list (list 1 2) (list 3 4)))
(fringe x)
(1 2 3 4)
(fringe (list x x))
(1 2 3 4 1 2 3 4)
```

Answer.

To implement fringe, do the following:

- Fringe of an empty list is the empty list itself.
- Fringe of a tree t is the fringe of the car of t combines fringe of the cdr of t.
- Fringe of a leaf is simply a list contains that leaf.

Remember that we've seen in section 2.2.1 that append is a procedure which combines two list into a single one. Therefore, the procedure finge can be expressed as:

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