

## Live Example 18.4

### isPalindrome

input: "aba"

$\rightarrow s = "aba"$

$s.length() - 1 = 2$

$s[0] = a$

`isPalindrome("aba", 0, 2)`

$2 \leq 0$ ? no

$\rightarrow$

input: "aba"

`isPalindrome("aba", 0, 2)`

$2 \leq 0$ ? no

$\hookrightarrow$

`s.charAt(0) != s.charAt(2)`

$a \neq a$

$\hookrightarrow$  return true

Are all the methods in the `Collections` class static?

No. Yes

which of the following static methods in the `Collections` class are for `Lists`, and which are for `Collections`?

- `sort` — `List`
- `binarySearch` — `List`
- `reverse` — ~~`Collections`~~
- `shuffle` — ~~`Collections`~~
- `max` — `Collections`
- `min` — `Collections`
- `disjoint` — `Collections`
- `frequencies` — `Collections`

- \* `list`
- \* `list`
- \* `list`
- \* ~~`List`~~
- \* `Collections`
- \* `Collections`
- \* `Collections`
- \* `Collections`