

“If you are irritated by every rub, how will you ever be polished?” -- Rumi

0900 - 0915	“Daily Scrum” (Stand-Up), Algorithm Intro
0915 - 1015	Algorithm Sprint: “I’ve Gone Bananas”
1015 - 1030	“Scrum Review”
1030 – 1100	Sockets.io Demo - Chatroom
1230 – 1330	Lunch
1330 – 1600	Open Lab/Work on Platform
End of Day	

ALGORITHMS: “I’ve Gone Bananas”

Given a string of letters `a`, `b`, `n` how many different ways can you make the word "banana" by crossing out various letters and then reading left-to-right? (Use `-` to indicate a crossed-out letter)

Example

Input: `Bbananana`

Output:

- `b-anana--`
- `b-anan--a`
- `b-ana--na`
- `b-an--ana`
- `b-a--nana`
- `b---anana`
- `-banana--`
- `-banan--a`
- `-bana--na`
- `-ban--ana`
- `-ba--nana`
- `-b--anana`

Notes

- You must return all possible bananas, but the order does not matter
- The example output above is formatted for readability. Please refer to the examples below for the expected format of your result.

```
var input = "banann";
var expected = [];
```

```
var input = "banana";
var expected = ["banana"];
```

```
var input = "bananaaa";
var expected = ["banan-a-", "banana--", "banan--a"];
```

```
var input = "bananana";
var expected = ["ban--ana", "ba--nana", "bana--na", "b--anana", "banana--", "banan--a"];
```

```
var input = "bbananana";
var expected = ["b-an--ana", "-banana--", "-b--anana", "b-a--nana", "-banan--a", "b-ana--na", "b---anana", "-bana--na", "-ba-nana", "b-anan--a", "-ban--ana", "b-anana--"];
```