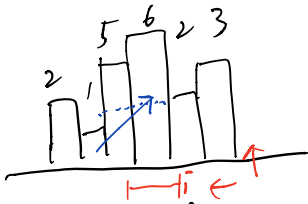


[2, 1, 5, 6, 2, 3].



```
const fn = (heights) => {
```

```
  const arr = [];
```

```
  const n = heights.length;
```

```
  let output = 0;
```

```
  for (let i = 0; i <= n; i++) {
```

```
    while (arr.length > 0
```

```
      (heights[i] < heights[arr[arr.length - 1]])) {
```

```
      if (i === n
```

```
        const height = heights[arr.pop()];
```

```
        const left = arr.length ? arr[arr.length - 1] : -1;
```

```
        const width = i - left - 1;
```

```
        output = Math.max(output, width * height);
```

```
      }
```

```
      arr.push(i);
```

```
    }
```

```
    return output;
```

```
  }
```