

The background is a dark grey field filled with various mathematical symbols, numbers, and letters in different colors (yellow, blue, purple, red, green) and sizes. A white sine wave is drawn across the middle of the image. In the top-left corner, there is a purple circular shape. In the bottom-right corner, there is a red circular shape. A vertical dotted yellow line is on the left side.

# LESSON BACKREFERENCES & REPLACE METHOD

**SOURCE CODE**

```
const sentence = "I Scream, You Scream, We All Scream for  
Ice Cream"  
console.log(sentence.replace(/[A-Z]/g, ";"))
```

**OUTPUT**

```
; ;cream, ;ou ;cream, ;e ;ll ;cream for ;ce ;ream
```

EXERCISE

/src

- ListItem.js
- Form.ts
- Button.ts



/src

- ListItem.jsx
- Form.tsx
- Button.tsx

**SOURCE CODE**

```
const input = `
  - ListItem.js
  - Form.ts
  - Button.ts
`

console.log(sentence.replace(/\.(js|ts)/g, ".$1x"));
```

**OUTPUT**

● ● ● SOURCE CODE

```
console.log(sentence.replace(/\.(js|ts)/g, ".$1x"));
```

● ● ● OUTPUT

```
/src
- ListItem.jsx
- Form.tsx
- Button.tsx
```

EXERCISE

/src

- ListItem.js
- Form.ts
- Button.ts



/src

- UserListItem.jsx
- UserForm.tsx
- UserButton.tsx

● ● ● SOURCE CODE

```
console.log(sentence.replace(/(\w+)\.(\.js|.ts)/g, "User$1.$2x"))
```

● ● ● OUTPUT

/src

- UserListItem.jsx
- UserForm.tsx
- UserButton.tsx