

Q: Explain the concept of callback functions in the context of array methods. Provide an example of using a callback function with the `map` method.

```
const numbersArray = [1, 2, 3, 4, 5];

const squaredArray = numbersArray.map(function (number) {
  return number * number;
});

console.log(squaredArray); // Output: [1, 4, 9, 16, 25]
```

