

Q: Explain the purpose of the `filter` method. Provide an example where you use `filter` to extract elements from an array based on a specific condition.

```
const numbersArray = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];
```

```
const evenNumbersArray = numbersArray.filter(function (number) {  
  return number % 2 === 0;  
});
```

```
console.log(evenNumbersArray); // Output: [2, 4, 6, 8, 10]
```

