

// Q.NO : 1

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

```
const sum = numbers.reduce((accumulator, currentValue) => {  
  return accumulator + currentValue;  
}, 0);
```

```
console.log("The sum of the array is:", sum);
```

// Q.NO : 2

```
const employees = [  
  { name: 'Dinesh', dept: 'Engineering', id: 1 },  
  { name: 'Viswa', dept: 'Marketing', id: 2 },  
  { name: 'saii', dept: 'Human Resources', id: 3 },  
  { name: 'Joseph', dept: 'Finance', id: 4 }  
];  
const names = employees.map(employee => employee.name);
```

```
console.log("Names of all employees:", names);
```

// Q.NO : 3

```
const products = [  
  { name: 'Laptop', price: 1200 },  
  { name: 'Smartphone', price: 800 },  
  { name: 'Headphones', price: 150 },  
  { name: 'Tablet', price: 600 },  
  { name: 'Smartwatch', price: 300 },  
  { name: 'Monitor', price: 900 }  
];  
const filteredProducts = products.filter(product => product.price >= 500 && product.price <= 1000);
```

```
console.log("Products with prices between 500 and 1000:", filteredProducts);
```