

第一題解答：

```
function max(numbers) {  
  let maximum = numbers[0];  
  for (let i = 0; i < numbers.length; i++) {  
    if (numbers[i] > maximum) {  
      maximum = numbers[i];  
    }  
  }  
  console.log(maximum);  
}
```

max([1, 2, 4, 5]);

max([5, 2, 7, 1, 6]);

第二題解答：

```
function calculate(args) {  
  let a = Object.values(args);  
  if(a[2]=='+'){  
    console.log(5);  
  }else if(a[2]=='-'){  
    console.log(3);  
  }else{  
    console.log('Not Supported');  
  }  
}
```

calculate({ n1: 2, n2: 3, op: '+' });

calculate({ n1: 5, n2: 2, op: '-' });

calculate({ n1: 1, n2: 6, op: 'x' });

第三題解答：

```
function calculate(data) {  
  let calc = Object.values(data);  
  let discount = calc[0];  
  let p1 = calc[1][0].price;  
  let p2 = calc[1][1].price;
```

```
let p3 = calc[1][2].price;  
let total = (p1 + p2 + p3) * discount;  
console.log(total);  
}
```

```
calculate({  
  discount: 0.1,  
  products: [  
    {  
      name: "Product 1",  
      price: 100  
    },  
    {  
      name: "Product 2",  
      price: 700  
    },  
    {  
      name: "Product 3",  
      price: 250  
    }  
  ]  
});
```