

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(a[0] + a[1]);  
  } else if (a[2] == "-") {  
    console.log(a[0] - a[1]);  
  } 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 total=0;  
  for(i=0; i<calc[1].length; i++){
```

```
    total += calc[1][i].price;
  }
  let answer = total*discount;
  console.log(answer);
}
calculate({
  discount: 0.1,
  products: [
    {
      name: "Product 1",
      price: 100
    },
    {
      name: "Product 2",
      price: 700
    },
    {
      name: "Product 3",
      price: 250
    }
  ]
});
```