

```
> function factorial_do_while(n) {  
  var total = 1;  
  var i = 1;  
  do {  
    total = total * i;  
    i++;  
  } while (i <= n);  
  return total;  
}  
console.log(factorial_do_while(9));  
362880
```

```
> function factorial_while(n) {  
  var total = 1;  
  var i = 1;  
  while (i <= n) {  
    total = total * i;  
    i++;  
  }  
  return total;  
}  
console.log(factorial_while(9));  
362880
```

```
> var thisMonth = new Date().getMonth();
```

```
switch(thisMonth) {  
  case 0 :  
    console.log(January);  
    break;  
  case 1 :  
    console.log("February");  
    break;  
  case 2 :  
    console.log("March");  
    break;  
  case 3 :  
    console.log("April");  
    break;  
  case 4 :  
    console.log("May");  
    break;  
  case 5 :  
    console.log("June");  
    break;  
  case 6 :  
    console.log("July");  
    break;  
  case 7 :  
    console.log("August");  
    break;  
  case 8 :  
    console.log("September");  
    break;  
  case 9 :  
    console.log("October");  
    break;  
  case 10 :  
    console.log("November");  
    break;  
  case 11 :  
    console.log("December");  
    break;  
  default :
```

```
> var ray = [1, 2, 3, 4, 5, 6];
   console.log(ray);

function everySecondElement(param) {
  var otherRay = param.filter((element, index) => {
    return index % 2 === 0;
  })
  console.log(otherRay);
}
everySecondElement(ray);

▶ (6) [1, 2, 3, 4, 5, 6]

▶ (3) [1, 3, 5]

< undefined
```

```
> var ray = [25, 96, 42, 520, 690, 901];
   console.log(ray);

function findSmallest(param) {
  console.log(Math.min(...param));
}
findSmallest(ray);

▶ (6) [25, 96, 42, 520, 690, 901]

25

< undefined
```

```
> function sum(num1 = 0, num2 = 0) {  
  var total = num1 + num2;  
  console.log(total);  
}  
sum();
```

0

< undefined

```
> sum(2, 2);
```

4

< undefined

```
> function sumAndPrint(num1, num2) {  
  var total = num1 + num2;  
  console.log(total);  
}  
sumAndPrint(5, 7);
```

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