

# Timeouts and Intervals

# Timeouts

```
var myTimeout = setTimeout(function() {  
    console.log('hi, im late!');  
}, 5000);  
  
// ...  
  
//>> hi im late!
```

# Callback

```
var callback = function() {  
  console.log('hi, im late!');  
};  
  
var myTimeout = setTimeout(callback, 5000);
```

# Execution Order

```
console.log('I am first!');
```

```
var myTimeout = setTimeout(function() {  
    console.log('I am second!');  
}, 1000);
```

```
console.log('I am third');
```

```
//>> I am first!
```

```
//>> I am third!
```

```
//>> I am second!
```

# Intervals

```
var myInterval = setInterval(function() {  
    console.log('hi, im repeating!');  
}, 1000);
```

```
//>> hi im repeating!
```

```
//>> hi im repeating!
```

```
//>> hi im repeating!
```

```
//>> hi im repeating!
```

```
//...
```

# Clearing

```
clearTimeout(timeoutReference);
```

```
clearInterval(intervalReference);
```

# Clearing

```
var myInterval = setInterval(function() {  
    console.log('hi, im repeating!');  
}, 1000);
```

```
setTimeout(function() {  
    clearInterval(myInterval);  
}, 3500);
```

```
//>> hi im repeating!
```

```
//>> hi im repeating!
```

```
//>> hi im repeating!
```