# Regular Expression (　　　　　　　)

- description : Javascript
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## Case Study

```
var emailRegExp = /^[A-Za-z0-9_\.\-]+@[A-Za-z0-9\-]+\.[A-Za-z0-9\-]+/;
```

```
var phoneRegExp = /^\d{3}-\d{3,4}-\d{4}$/;
```

```
//        /     /              8~ 15
var pwRegExp1 = /^.*(?=^.{8,15}$)(?=.*\d)(?=.*[a-zA-
Z])(?=.*[!@#$%^&+=]).*$/;

//                  6~ 12
var pwRegExp2 = /^[A-Za-z0-9]{6,12}$/;
```

```
var expText = /^[A-Za-z0-9_\.\-]+@[A-Za-z0-9\-]+\.[A-Za-z0-9\-]+/;
var email = $('#email').val();

if(expText.test(email) == false)
{
    alert("                    .                    .");
    return false;
}
```

replace

```
var str = 'apple apple apple';
var result = str.replace('apple', 'orange');
=> orange apple apple
```

replace                    1

> replace                (java    replaceAll)

```
var str = 'apple apple apple';
var result = str.replace(/apple/g, 'orange');
=> orange orange orange
```

>                /        /gi

>                ('.', '^', '(', ')')    ?

```
var str = 'apple.apple.apple';
var result = str.replace(/\./g, ' ');
=> apple apple apple
```

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