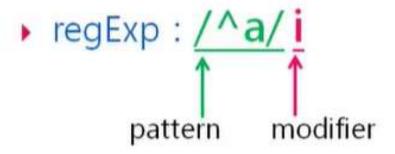
Regulregular expression

RegExp物件類別

RegExp物件類別

- ▶ 用來描述字串應有的樣式
- ▶例如:字串的開頭必須以A或a字元開頭



建立RegExp物件

- /pattern/modifier
 - var re = /^a/i;
- new RegExp(pattern, modifier)
 - var re = new RegExp("^a","i");

測試字串是否符合所要的樣式

- ▶ regExp物件.test(字串)
 - 範例—

```
var re = /^a/;
document.write(re.test("ABC"));
h 結果: false
```

▶ 範例二

```
var re = /^a/i;
document.write(re.test("ABC"));
▶ 結果: true
```

pattern 與 modifier

- ▶請參閱w3schools
 - http://www.w3schools.com/jsref/jsref_obj_regexp.asp

pattern 與 modifier

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https://www.w3schools.com/js/js_regexp.asp

Regular Expression Modifiers

Modifiers can be used to perform case-insensitive more global searches:

Modifier	Description
i	Perform case-insensitive matching
g	Perform a global match (find all matches rather than stopping after the first match)
m	Perform multiline matching

Regular Expression Patterns

Brackets are used to find a range of characters:

Expression	Description
[abc]	Find any of the characters between the brackets
[0-9]	Find any of the digits between the brackets
(x y)	Find any of the alternatives separated with

RegExp物件測試案例--實例操作

- 實作
 - ▶身份證字號的基本檢查

```
<script>
var idNo = "a123456788";
var re = /^[a-z|A-Z][12][0-9]{8}/;
if(re.test( idNo ) == true)
   document.write("正確");
else
   document.write("錯誤");
</script>
</body>
</html>
```

1. 下列哪個方法可以建立一個RegExp物件? ^{單選} pattern指所要設定的字串樣式 ^{50分}

A RegExp("pattern")

B "pattern"

C /pattern/

D /pattern,modifier/

