RegEx: Regular Expression

Metacharacters:


```
.               : any character
*               : zero or more characters
+               : one or more characters
?               : none or one
^               : begins with
$               : end with
[ ]             : a set
( )             : Capturing group
|               : either or
\               : Special Sequence or escape character
{} = repeating
```


Special Sequences:

```
\d      : Digit (0-9)
\D      : Not a Digit (0-9)
\w      : Word Character (a-z, A-Z, 0-9, _)
\W      : Not a Word Character
\s      : Whitespace (space, tab, newline)
\S      : Not Whitespace (space, tab, newline)
\b      : Word Boundary
\B      : Not a Word Boundary
```

Sets:

```
[0-9]   : 0 to 9
[a-z]   : Lower case alphabets
[A-Z]   : Upper case alphabets
```