[abc]	a, b or c.
[^abc]	any character except a, b, c
[a-z]	a to z
[A-Z]	A to Z.
[a-z A-Z]	a to z, A to Z.
[0-9]	0 to 9

[ ]?	Occurs 0 or 1 times
[ ]+	occurs 1 or more times
[ ]*	occurs 0 or more times
[ ]{n}	Occurs n times
[ ]{n,}	occurs n or more times
[ ]{y,z}	occurs atleast y times but less than z times.

Regex metacharacters

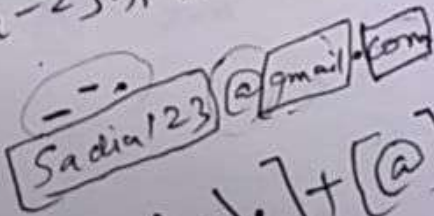\d   [0-9]

\D   [^0-9]

\w   [a-z A-Z _ 0-9]

\w   [^\w]

\ tells comp to treat following character as search character for `+` `.`

Examples :-

1] Mobile number → start with 8 or 9 and total digits = 10.

$$[89][0-9]\{9\}$$

2] First character uppercase, contains lower case alphabets, only one digit allowed in between.

$$[A-Z][a-z]*[0-9][a-z]*$$

3] Email ID. Sadia123@gmail.com

$$[a-zA-Z0-9\_\-.]+[@][a-z]+[\.][a-z]\{2,3\}$$