

Regular expression

A regular expression is a sequence of characters that specifies a search pattern.

- **** → after this it is a special character
- **\b** → word boundary -> ijse\b
- **\B** → not a boundary
- **\d** → digit
- **\D** → not a digit
- **\n** → new line
- **\s** → space
- **\S** → not a space
- **\t** → tab spaces
- **\v** → vertical tab(new line)
- **\w** → word
- **\W** → not a word
- **^** → beginning of the string
- **\$** → end of the string
- ***** → 0 or More
- **+** → 1 or More
- **?** → 0 or One
- **.** → the decimal point → select characters
- **(x)** → can select group of words
- **x(?=y)** → this is called as lookahead → Jack(=Parot)
- **x(?!y)** → negated lookahead → opposite of the above
- **x|y** → or → (v|b)
- **{n}** → number counts
- **{n,}** → n or more
- **{n,m}** → at least or at most range
- **[xyz]** → character set [a-z]/[.]
- **[^xyz]** → not xyz

