

Regular_Expression Created By github.com/farzadafi github.com/farzadafi

> **Groups and Ranges** Description Example Characters A(xy) is an expression which matches with the following string: It is used to match everything which is in the () far(zadlhadldad) == farzad == farhad == f simple bracket. "(clg|p)ar" => The car is parked in the garage.
> "(Tlt)helcar" => The car is parked in the garage. xz{4,6} is an expression which matches with It is used to match a particular number of occurrences defined in the curly bracket for { } the following string: its left string. xz[atp]r is an expression which matches with the following strings: "xzar", "xzar", and "xzpr" It is used to match any character from a range of characters defined in the square bracket. "[Tt]he" => The car parked in the garage.
> "ar[.]" => A garage is a good place to park a ca Following strings are matched with this expression: [pqr] It matches p, q, or r individually. "p", "q", and "r". Following strings are matched with this 3 Groups and Ranges [pqr][xy] It matches p, q, or r, followed by either x or y. "px", "qx", and "rx", "py", "qy", and "ry". It matches a character which is not defined in [^....] the square bracket. "[^c]ar" => The car parked in the garage. This expression matches the strings such as: "o", "python", "good". [a-z] It matches letters of a small case from a to z. [a-z]* => The car po This expression matches the strings such as: "EXCELLENT", "NATURE". It matches letters of an upper case from A to [A-Z] It is used to match the string, which is either starts with a small case or upper-case letter. This expression matches the strings such as: ^[a-zA-Z] "A854xb", "pv4fv", "cdux". This expression matches the strings such as: It matches a digit from 0 to 9. [0-9] "9845", "54455" This square bracket only matches the small [aeiou] case vowels. This square bracket only matches the upper-[AEIOU] case vowels. It matches those digits or characters which are This expression matches those strings which ab[^4-9] not defined in the square bracket. do not contain 5, 6, 7, and 8. **Escape Characters** Characters Description Example It is used to match a one white space \s character. " => The fat cal sat on the concatenation. It is used to match one non-white space \S character. It is used to match one decimal digit, which \d means from 0 to 9. 4 Escape Characters or Character Classes \D It is used to match any non-decimal digit. \n It helps a user to match a new line. It is used to match the alphanumeric \w [0-9a-zA-Z] characters. \W It is used to match one non-word character It is used to match a word boundary.

"[0-9]{2,3}" => The number was 9.9997 but we

rounded it off to 10.0.