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| --- | --- |
| Dot | which matches any character except newlines. |
| Anchor | Marks a postion. Beginning and the end of line |
| Word boundaries | Same as Anchors but specific only to beginning and end of a particular Word |
| Character sets | [aes] - these will be used to search for specified characters at a given position |
| Negated character sets | [^a] - the search pattern looks for any characters other than 'a' at given position |

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| --- | --- |
| \ | Used for escaping the special characters like **'\' '+' '^' '?' '.' '\*' '+' '[' ']' '{' '}' '(' ')'** |
| \d | Matches a single digit from 0 to 9 |
| ^ | The caret ^ matches the position before the first character in the string |
| $ | Matches the last character after the string |
| ? | match preceding token **zero** or **once** |
| \* | match preceding token **zero** or **more** |
| + | match preceding token **once** or **more greedy** |
| \b | Allows to search only whole words |
| ( ) | Grouping |
| [ ] | Character class or character set |
| { } | To specify limits in repetition |
|  |  |