|  |  |
| --- | --- |
| [abc] | a or b or c , exact match |
| [ ^abc] | Any character except a or b or c |
| [a-z] | a to z |
| [A-Z] | A-Z |
| [0-9] | All numeric digits |
| \d | All [0-9] |
| \D | Not number [^0-9] |
| \w | [A-Za-z0-9] it includes a,b…z,A,B,C..Z,0,1,2…9 |
| \W | [^A-Za-z0-9] |
|  |  |
| [ ….]{n} | Occurs n times , for exp : [ab]{2} , aa ,bb ,ab ,ba , ac , cc , bc , cb , tw ,a,b |
| […]{n,} | n times or more , [ab]{3} => abb , abbb,baaaa, ab ,ba |
| [..] {x,y} | Min occurrence : x times & y Max |
| [ …] ? | Occurs 0 or 1 times |
| […] + | 1 or more time |
| […]\* | 0 to more time |
| -,. | These are reserved characters , should use \ before them  (escape character)  \- or \. |
|  |  |
|  |  |
|  |  |