What are Characters Classes?

These are the tools allows us to check whether a string has a series of letters, Numbers or Special characters.

What Meta Characters are there?

[] : We put letters, Number, special characters, etc…. In the bracket|[]|, Checking whether the string has ONE of them or not.

[^] : We put letters, Number, special characters, etc…. In the bracket|[]|, To the right of the caret|^|, Checking whether the string DOESN’T have ONE of them or not.

[A-Z] : We check whether the string has one of the letters between A and Z, Or A or Z themselves, Or not.

[a-z] : We check whether the string has one of the letters between a and z, Or a or z themselves, Or not.

[0-9] : We check whether the string has one of the numbers between 0 and 9, Or 0 or 9 themselves, Or not.

[A-Za-z0-9] : Check whether the string has:

one of the letters between A and Z, Or A or Z themselves,

one of the letters between a and z, Or a or z themselves,

one of the numbers between 0 and 9, Or 0 or 9 themselves,

Or not.

Note : Anything that we put into Character classes becomes Literal Characters.

Note 2 : Don’t put any space | | between the letters, numbers, etc… that you put in the character classes, As even space| |becomes considered for matching.

Note 3 : If you want to check whether a string has – in it or not, Alongside checking for letters or numbers, But sure that you glue – to the left of the closing bracket|[]|, As otherwise it can cause a bug.