re.match and re.search : These two functions search for some substring in a string and return a object of found or else it returns none

What is the Difference between re.match and re.search?

re.match

1)Searches only in the first line of the string and return match object if found, else return none.

2) But if a match of the substring is found in some other line of a string other than the first line of the string(i.e multiline string) it returns none/

re.search

1) Searches for the whole string even if the string contains multi-lines and tries to find a match of the substring in all the lines of string.

re.IGNORECASE

1) This flag allows for case-insensitive matching of the Regular Expression with the given string i.e. expressions like [A-Z] will match lowercase letters, too. Generally, It’s passed as an optional argument to re.compile().

Shortcuts in regex

 1) \* removes all the list formats like [ ]  , and "  " in re.findall()

Eg: print(\*re.finall(“[0-9]+”,”Pras45nth24”)) => 45 24

2) .group() gives the desired output in re.search()

Eg: print(re.search(“[0-9]+”, Pras45nth24”)) => 45