Python advance assignment 16:

Q1) benefit - easy search and identification of patterns and strings.

Q3) once, at the start of programme

Q4) : character is used to specify and select index range in list. This is used in slicing operation.

Q5) later, same pattern object can be used for searching and matching.

Q6) import re

substring = ‘the substring that you want to search’

string = “‘ this is the string where we would search to match patterns’”

print(re.search(substring, string, re.IGNORECASE))

print(re.match(substring, string, re.IGNORECASE))

Q7) vertical bar means or. Square brackets means any of the characters listed.

Q8) raw string is required to prevent problems due to characters (like ‘\’) and to make proper interpretation of string.