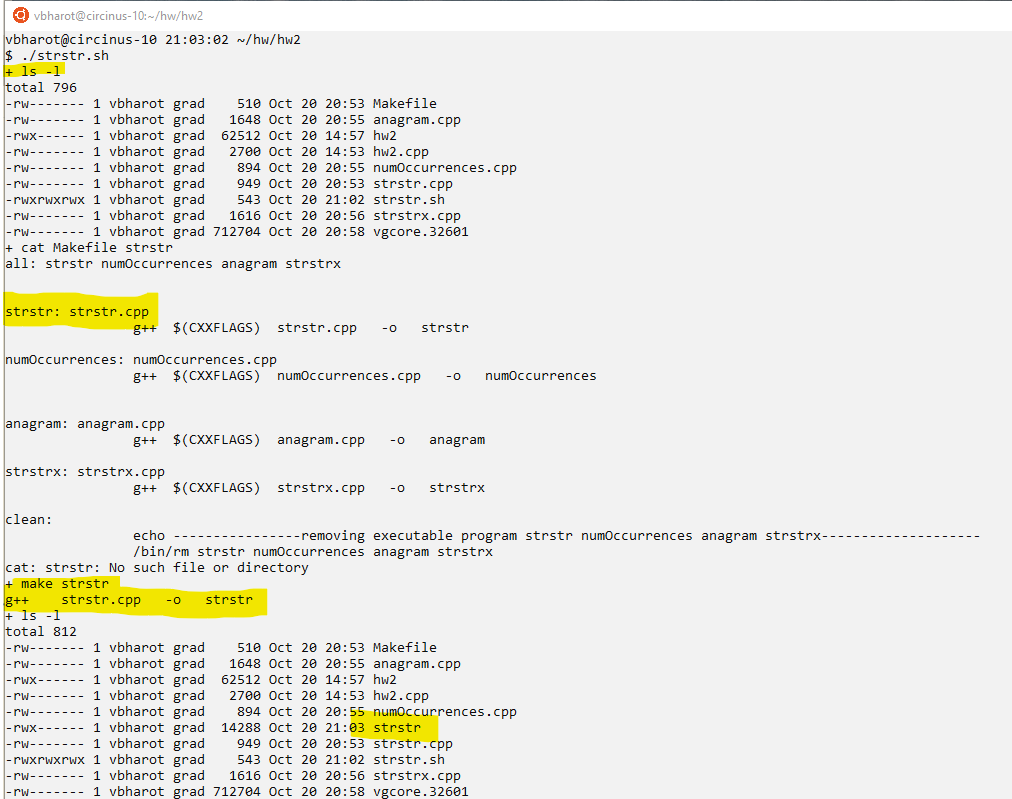
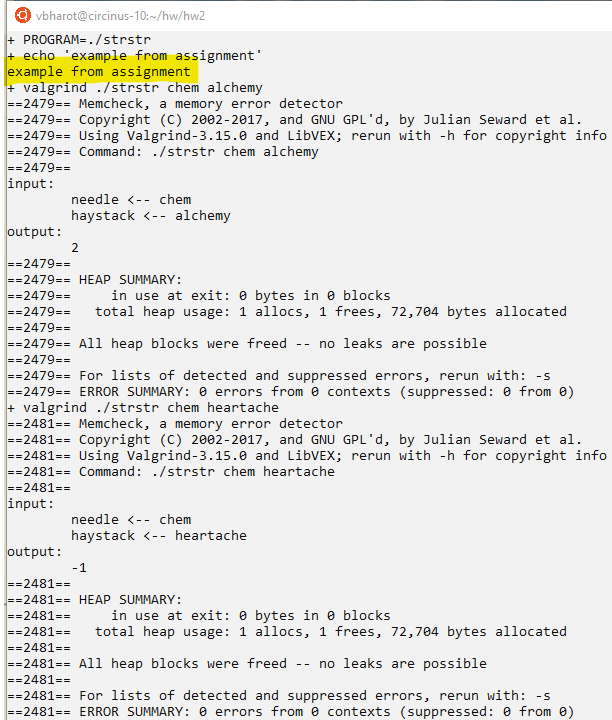
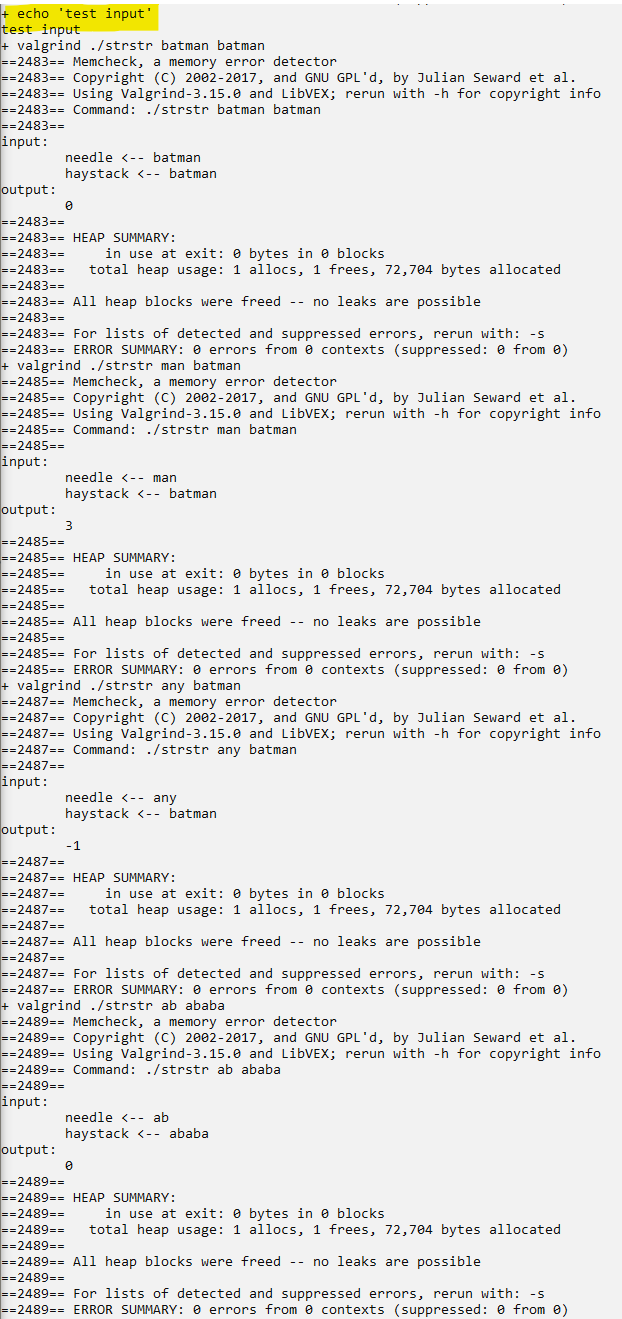
***Strstr successful compilation:***



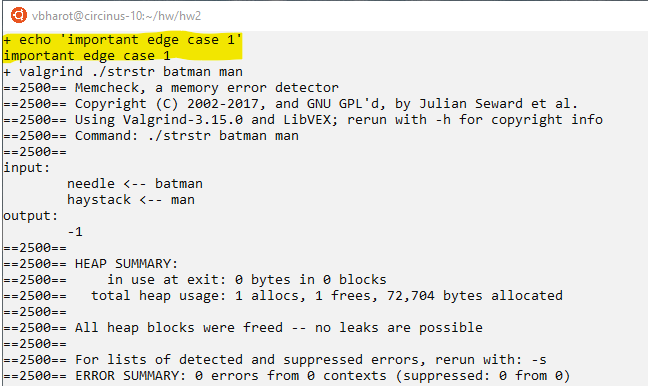
***Strstr provided example******from the assignment:***



***Strstr test input:***



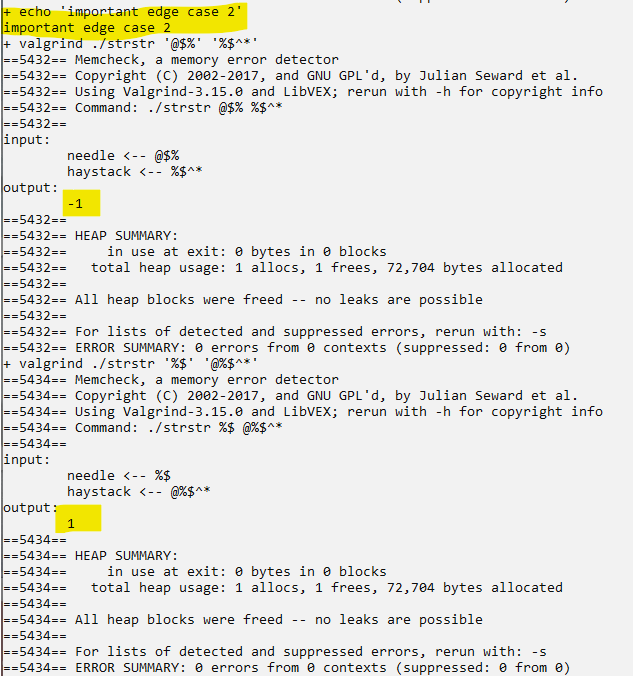
***Strstr important edge case1:***



Here the edge case if that length of the haystack string is smaller than the size of the needle string

Like: needle = batman and haystack = man and expected output = -1

***Strstr important edge case2:***

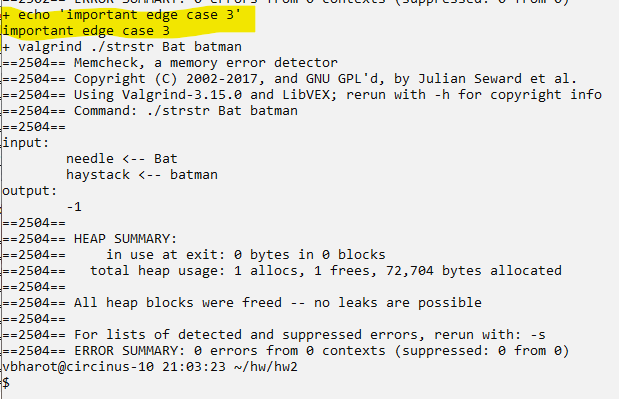


The edge case where the program should be able to deal with special characters

Like needle = @$% haystack = %$^\* expected output = -1 as there is no match

And needle = %$ haystack = @%$^\* expected output = 1 as there is match from index 1

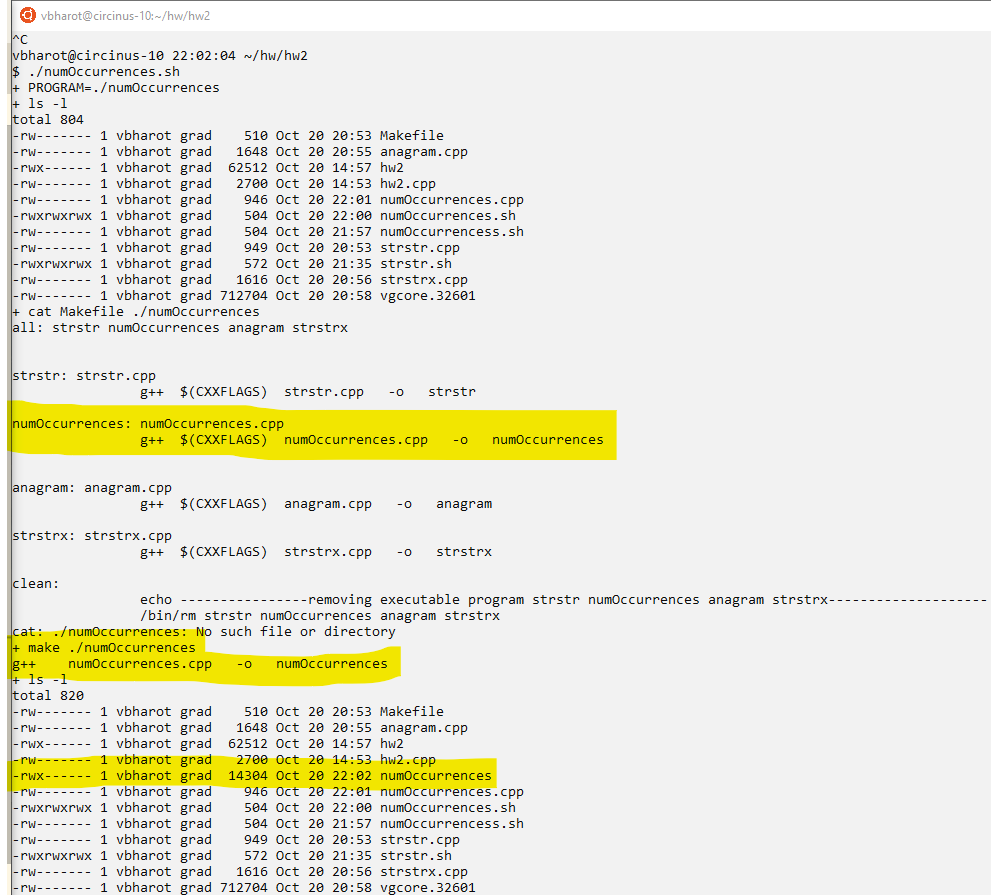
***Strstr important edge case3:***



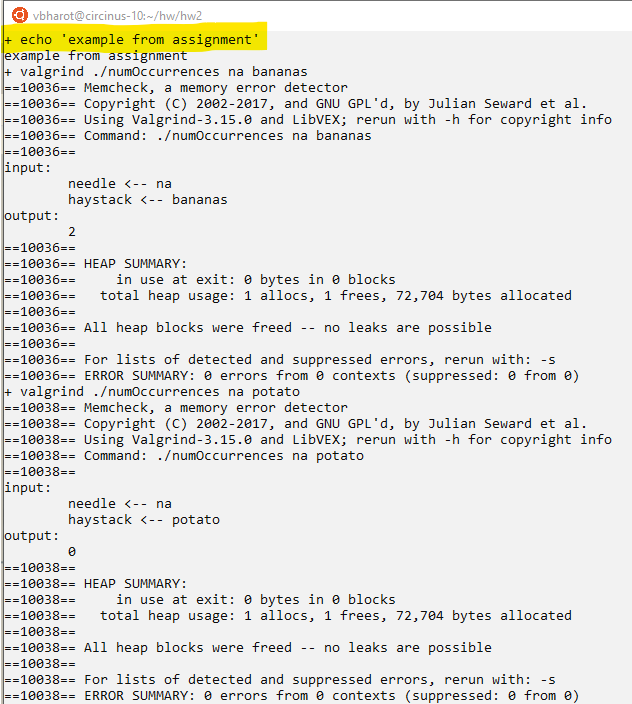
This is the case sensitive matching edge case, as there is no indication of case relaxation so this problem is case sensitive

Input: needle = Bat haystack = batman expected output = -1 cos even though bat is matched but case is different

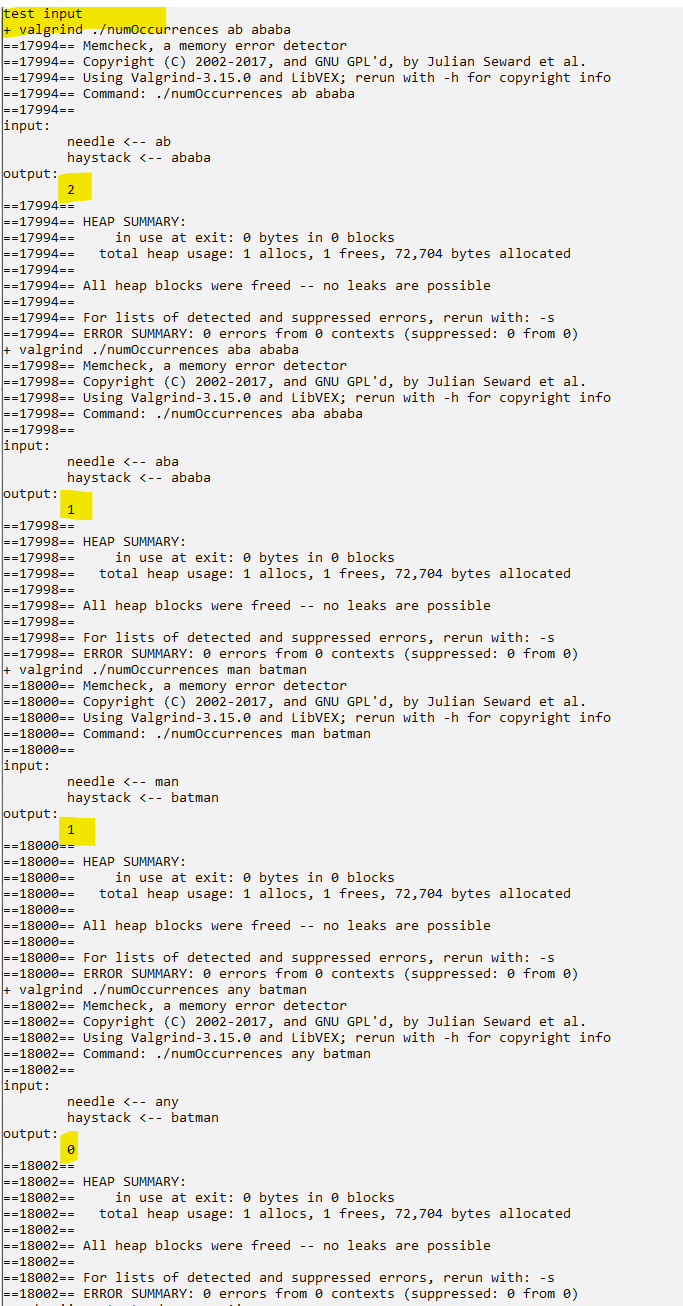
***numOccurrences successful compilation:***

******

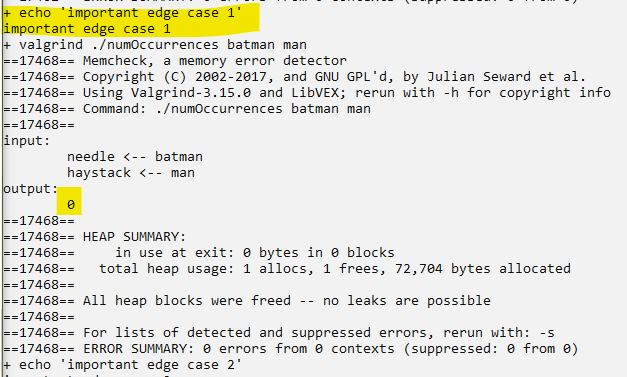
***numOccurrences example******from the assignment:***



***numOccurrences test input:***



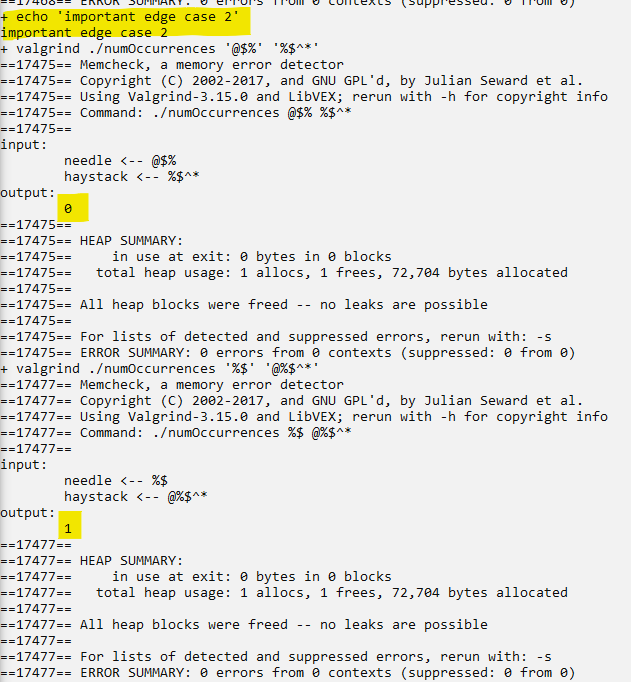
***numOccurrences important edge case 1:***



Here the edge case if that length of the haystack string is smaller than the size of the needle string

Like: needle = batman and haystack = man and expected output = 0

***numOccurrences important edge case2:***

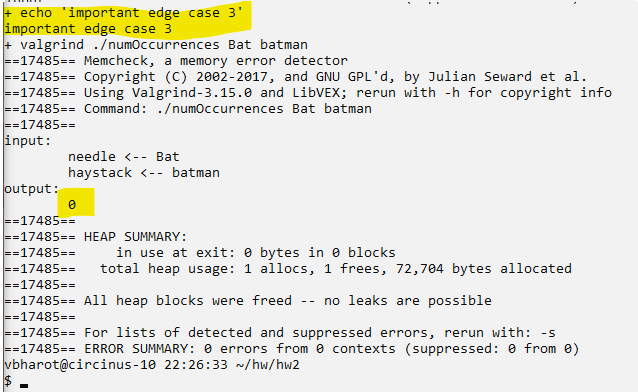


The edge case where the program should be able to deal with special characters

Like needle = @$% haystack = %$^\* expected output = 0 as there is no match

And needle = %$ haystack = @%$^\* expected output = 1 as there is **one** match.

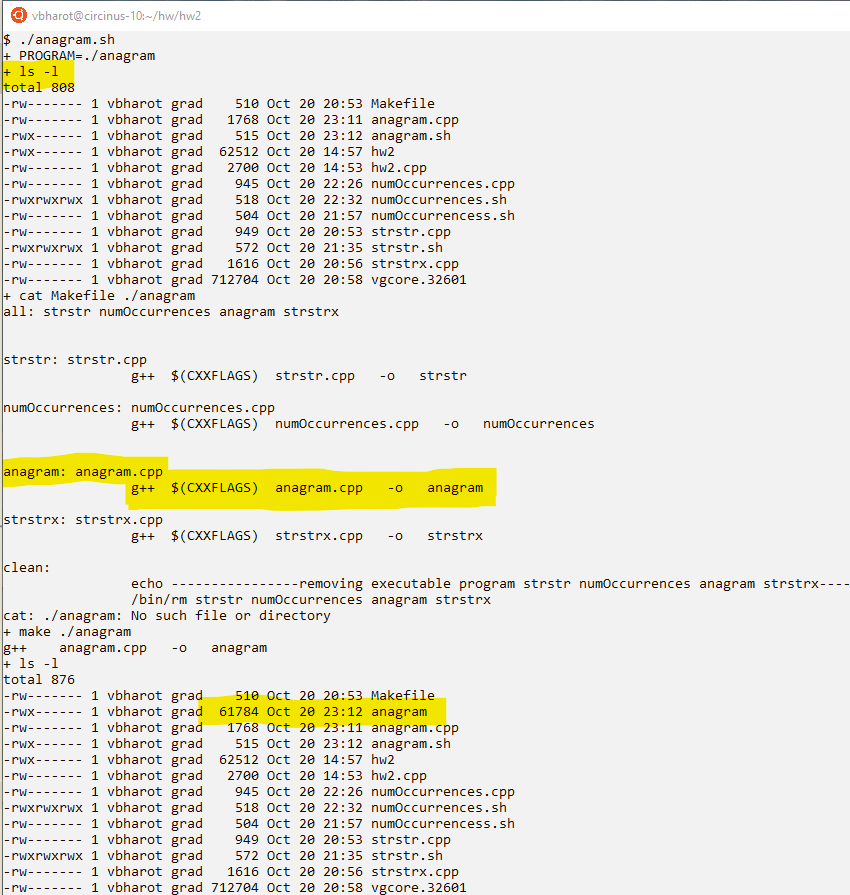
***numOccurrences important edge case3:***

******

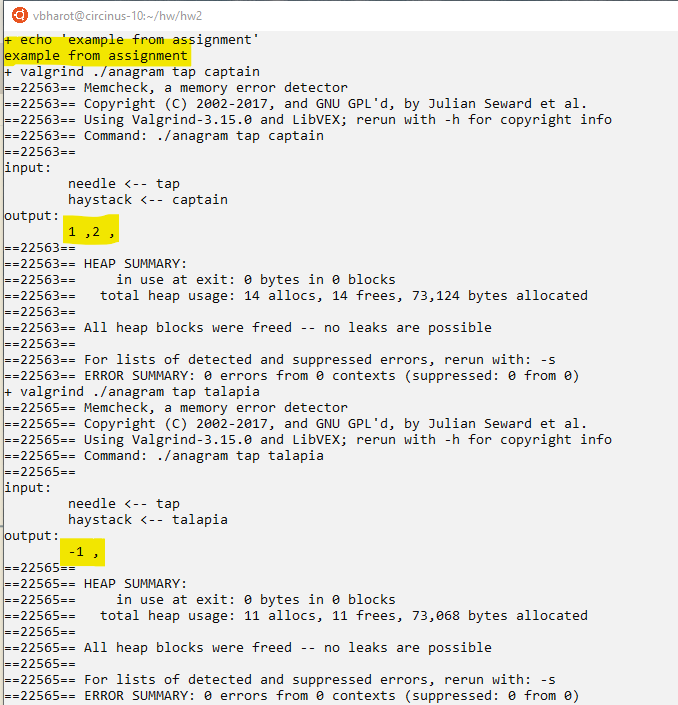
This is the case sensitive matching edge case, as there is no indication of case relaxation so this problem is case sensitive

Input: needle = Bat haystack = batman expected output = 0 cos even though bat is matched but case is different

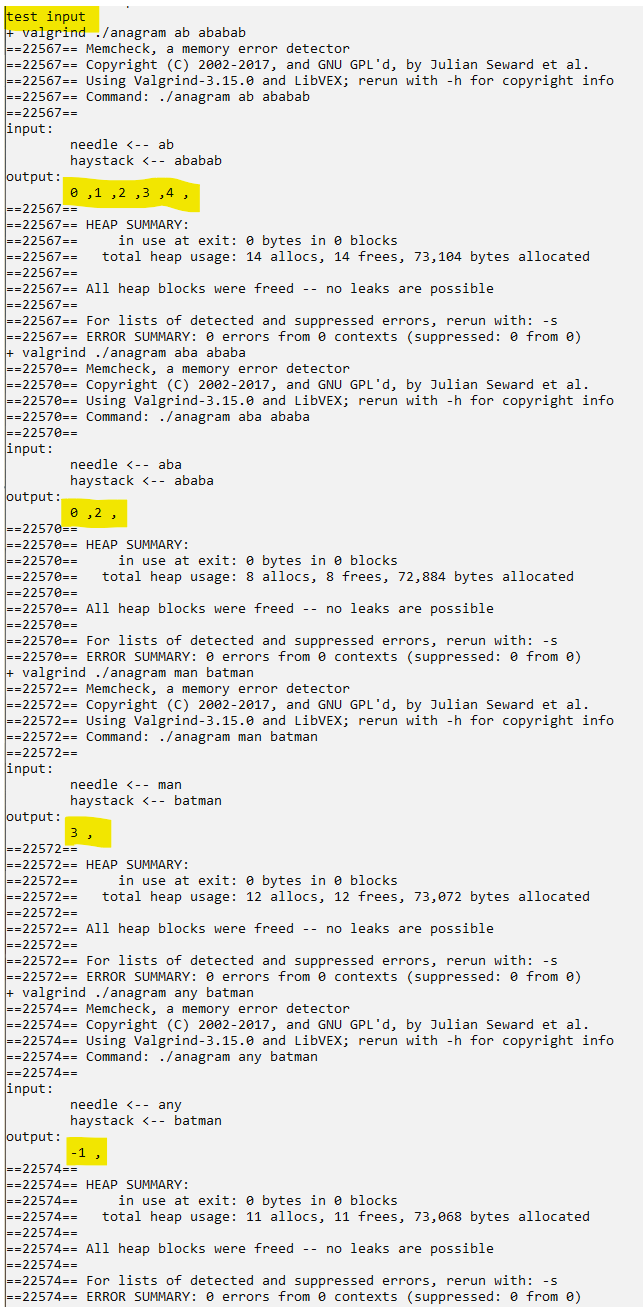
***Anagram successful compilation:***



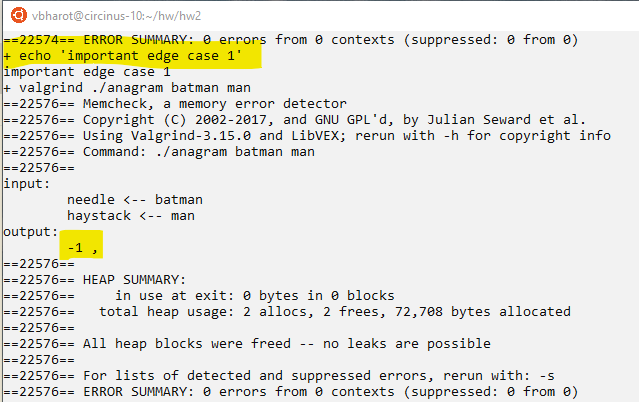
***Anagram example******from the assignment:***

******

***Anagram test input:***



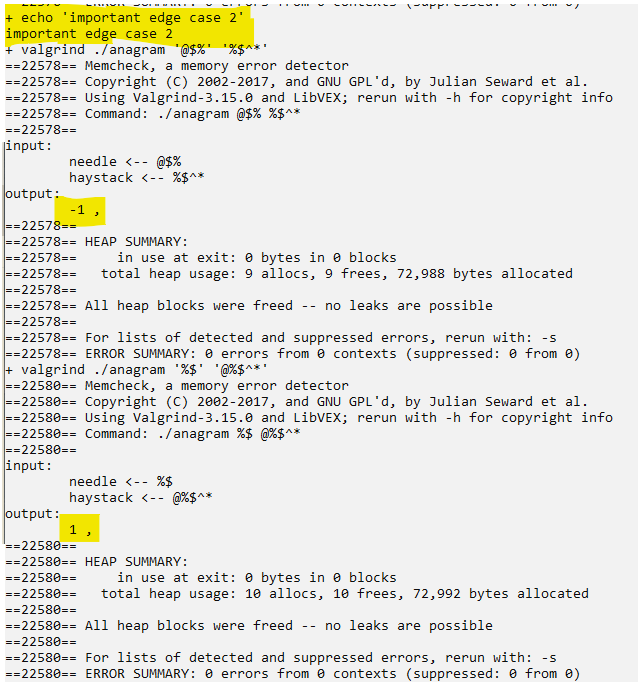
***Anagram important edge case1:***



Here the edge case if that length of the haystack string is smaller than the size of the needle string

Like: needle = batman and haystack = man and expected output = -1

***Anagram important edge case2:***

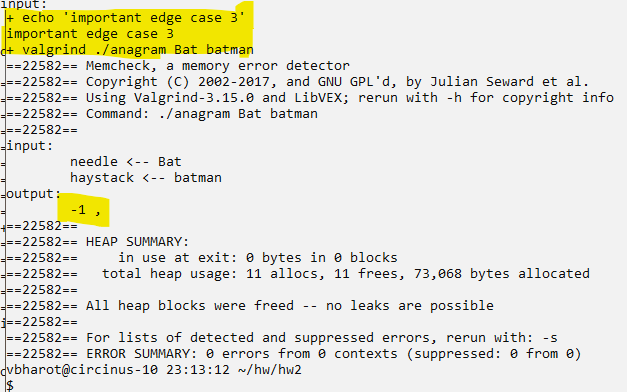


The edge case where the program should be able to deal with special characters

Like needle = @$% haystack = %$^\* expected output = -1 as there is no match

And needle = %$ haystack = @%$^\* expected output = 1 as there is amatch from index 1

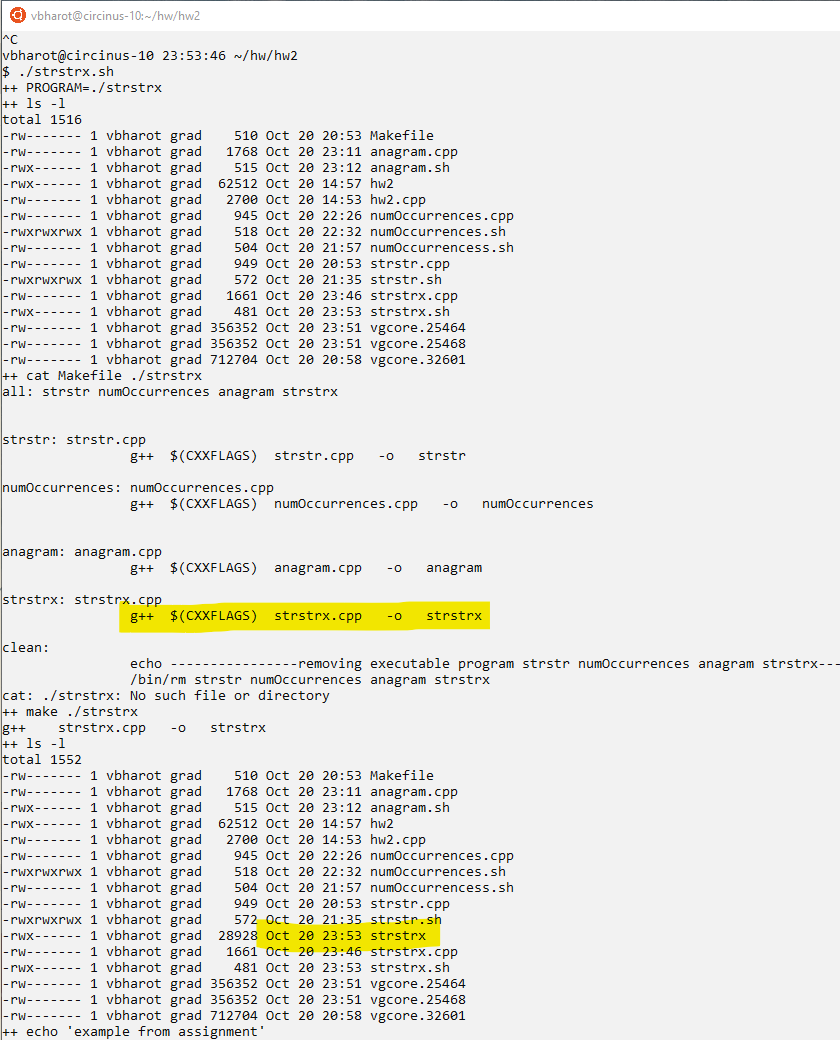
***anagram important edge case3:***



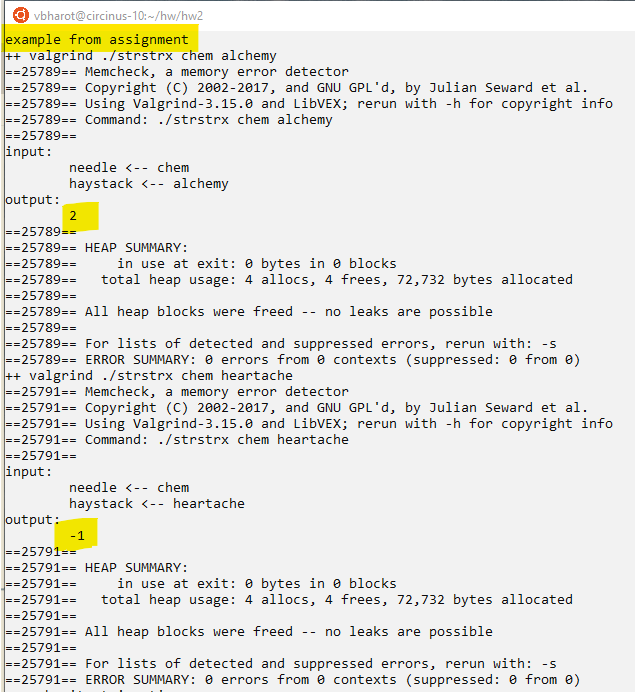
This is the case sensitive anagram matching edge case, as there is no indication of case relaxation so this problem is case sensitive

Input: needle = Bat haystack = batman expected output = -1 cos even though bat is matched but case is different

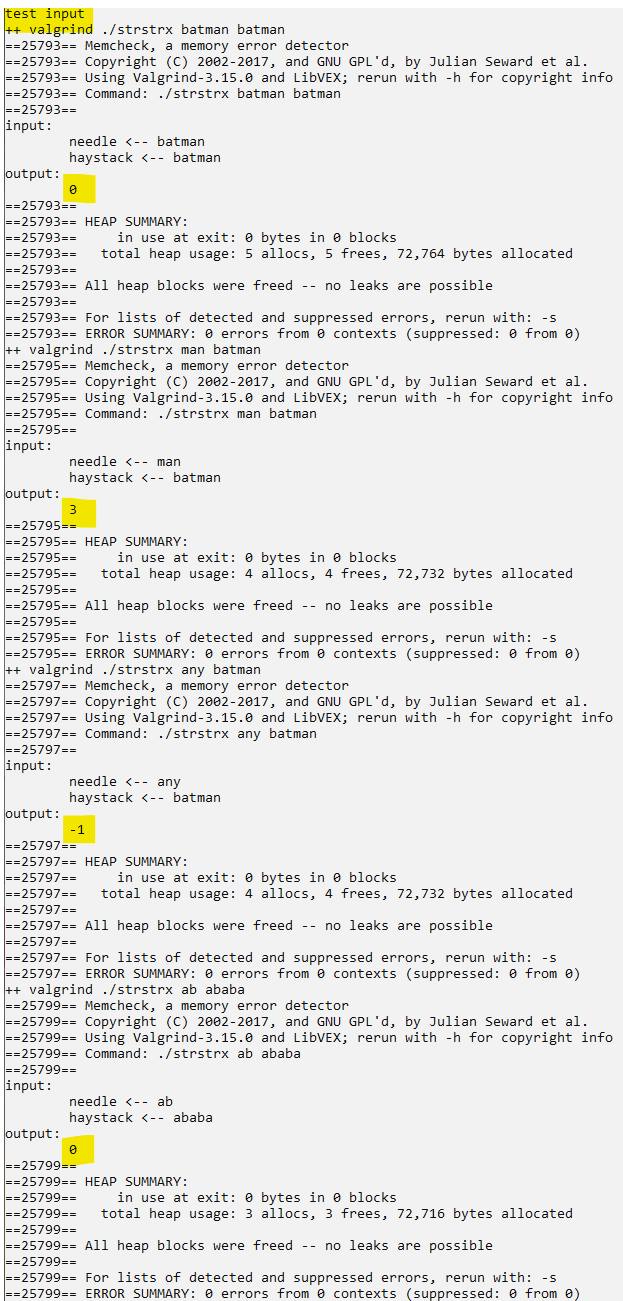
***Strstrx successful compilation:***



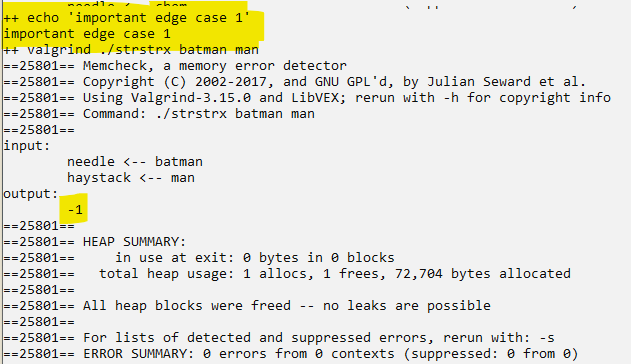
***Strstrx provided example******from the assignment:***



***Strstrx test input:***



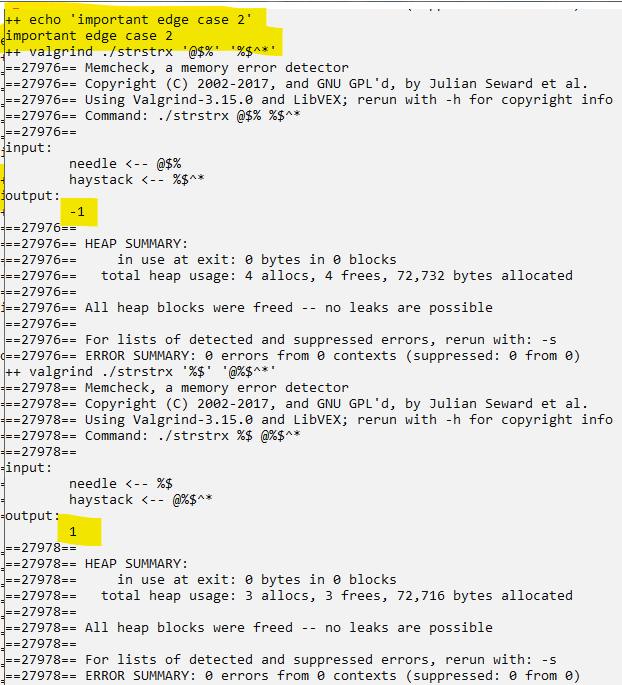
***Strstrx important edge case1:***



Here the edge case if that length of the haystack string is smaller than the size of the needle string

Like: needle = batman and haystack = man and expected output = -1

***Strstrx important edge case2:***

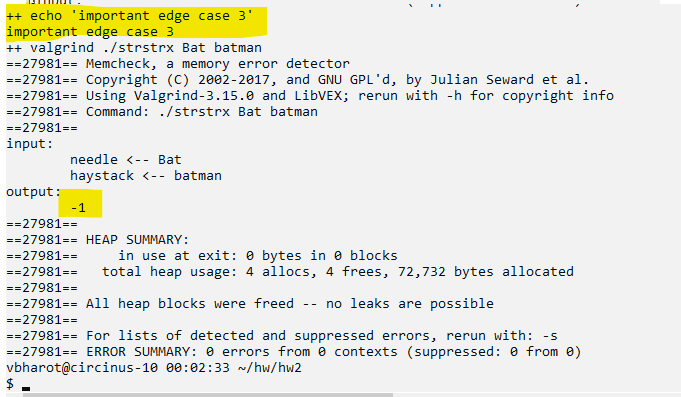


The edge case where the program should be able to deal with special characters

Like needle = @$% haystack = %$^\* expected output = -1 as there is no match

And needle = %$ haystack = @%$^\* expected output = 1 as there is match from index 1

***Strstrx important edge case3:***



This is the case sensitive matching edge case, as there is no indication of case relaxation so this problem is case sensitive

Input: needle = Bat haystack = batman expected output = -1 cos even though bat is matched but case is different