## Problem 1

Overlapping subproblems like the recursive Fibonacci tend to solve the same problem over and over leading to redundant computations. Whereas the Binary search algorithm searches through one half at a time and the results of one half dont affect the previous or the next recursive call.

## Problem 2

1233		"k"	"ka"	"kal"	"kale"
"m"	0	1	2	3	4
100		1	2	3	4
"ma"	2	2	1	2	3
"map"	3	3	2	2	3
"mapl"	4	4	3	2	3
"maple"	5	5	4	3	2
Interview Questi iven two strings	, find the leng	th of longest su	bsequence tha	for the following they share in	ng problem:

Problem 3

To be submitted

Problem 4

Working on this!!