tlands on #4 CSE 5311.006 1002236269 Sxa6596@ mavs. uta. edu Problem 0: Call Stack: fib(5) > fib(4) -> fib(3) -> fib(2) -> fib(1) >fib(0) > fib(1) > fib(2) > fib(1) > fib(0) > fib(3) > fib(2) -> fib(1) -> fib(0) -> fib(1) Rober 1: 1(M)=1+K+10NK+1 = 2+11NK OSINK SZHINK & SOONK Explied Lim 6 5 £ £ 2 +11 £ 500 0 4 1/2 4 11 4500 Hence, (+) (NK) I could've used a min-heap that would have reduced the time complexity to some logarithmic times Problem 2: This algorithm is 0 ≤ ½N ≤ 2+3N € 50N already time optimal o ≤ ½ ≤ 2+3N € 50N (Divisionly) but uses additional Hence, O(n) (Applied Limit) dedupe could prevent

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