OOPPREE		CMSC 351 HW1
PP	0	Problem 1
9		slowSpater 5.2" Tortoise: think slow, IM/s
		Fast shatch 500 n3 Have: think quich 17/5
9		
9		a) (i) 500.10003 = Cooled May
9	1	106 = 500(5)
9 -		
4		(ii) 500 z 0,0058 (Day)
4	1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
1		1012
**		b) (1) hare: 1,000,000,000 = 10°
(1)		3. 2 - 5. (2) - 70 - 4 , 288 1.1
1		1012 1012 1012 23 x /0 (3)
-		(ii) \$ x10 266 - 1-9 x 10 279
		bo. 60.24.100.365 = 1.59×10 (C)
-		03.66.24.705 383
49 -		() 5 x 10288 (+imes)
49 -		9 5x10 = 1006 (+imes)
*		Problem 2:
		C. Linda de la constante de la
(5)		of O(n3) Brute force
		longth < 0
-(5)	•	longth < 0 M < 0
49	*	for (iso to in)
49-		fortj=0 to itl)
4		5-0,1-0
9		for(k=i to j)
-		for (k = 1 to j) se st A[:] Le s.length
3		
		endfor
		/V/E/V/ax(M,S)
4000		end for Me Max (M, S) lengthe Max (leyth, L) endend

Sum = [] temp=[] for (i=0 to n+) [SUMCI] = SUM [1] + SUM [1-1] Max -> Min, Max Length > Min for (1=0, n) for(j-it1, n) } if (temp Z = Max && SUME j-1) > = Max-length) } return man-length ent for endfor Sci] = Max (S(17/+/4(1), 0) MCO, ScoJEO length 20 Scis + Max (SCi-1) + Acis) Me Maxi M. SC:)

length < M. length