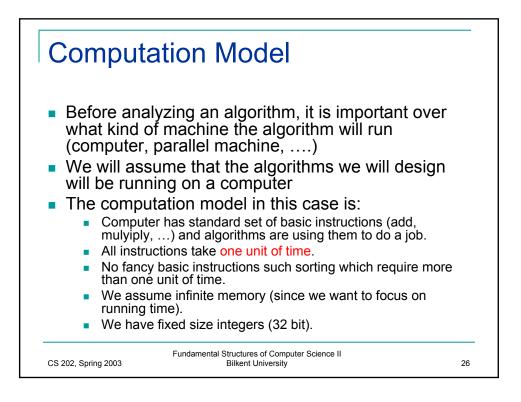
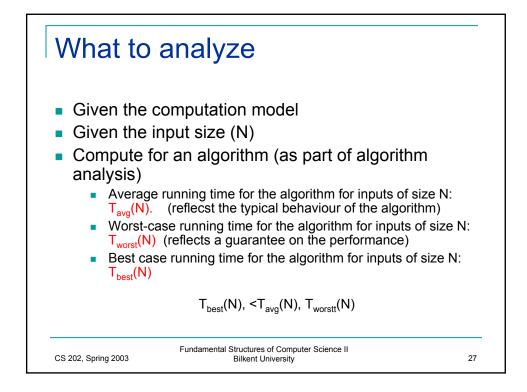
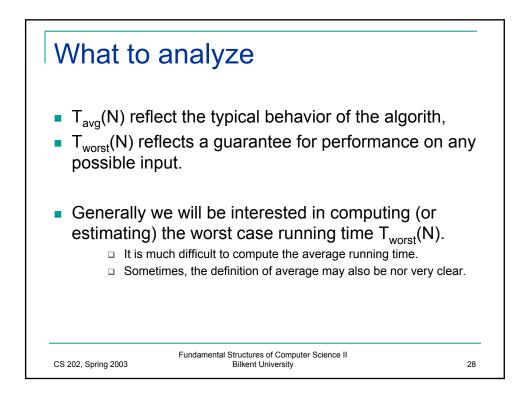
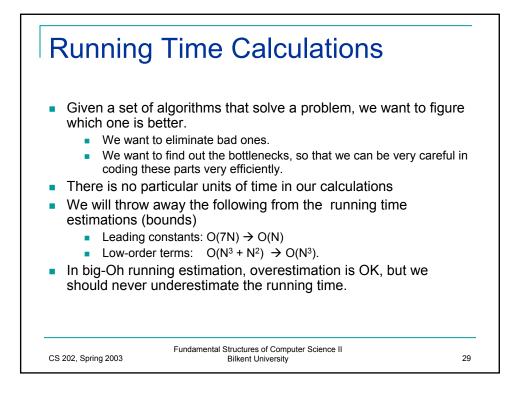


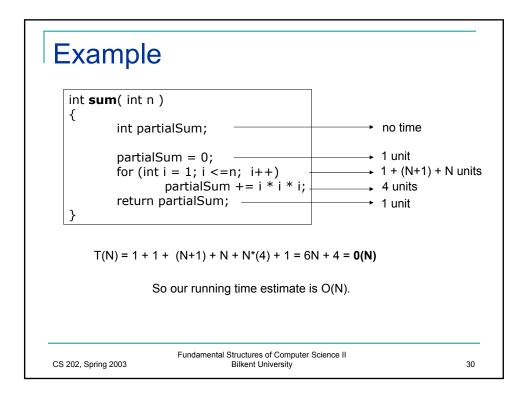
Common G	rowth Rates
Function	Growth Rate Name
С	Constant
log N	Logarithmic
log ² N	Log-squared
N	Linear
N log N	
N ²	Quadratic
N ³	Cubic
2 ^N	Exponential
CS 202, Spring 2003 Fundamental Structures of Computer Science II Bilkent University	

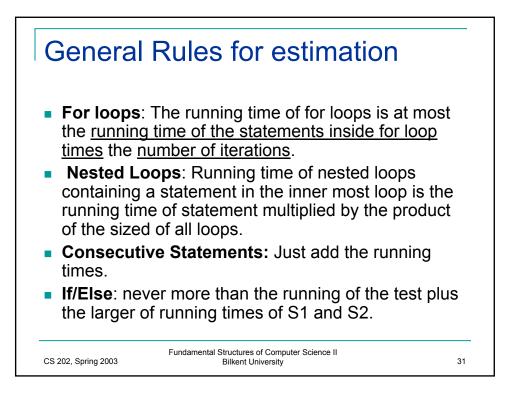


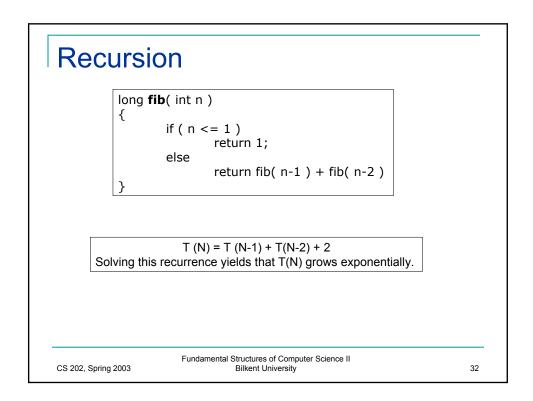












Max Subsequence Problem	
Given (possibly negative) integers $A_1, A_2,, A_N$,	
find the maximum value of $\sum_{k=i}^{j} A_k$	
For convenience, the maximum subsequence sum is 0 if all integers are negative.	
Example:	
For input - 2, 11, - 4, 13, - 5, - 2, the answer is 20	
(A_2 through A_4).	
CS 202, Spring 2003 Fundamental Structures of Computer Science II Bilkent University	33

