CSC	361: Exercise # 13	Your Name:
Due: T	uesday, Nov 11, in class	
Assigr	sed reading for this lecture: Sipser Third Edition 7.1 & 7.2 (Measuring Complex Big O and small O definitions are a review of CS250 Read the background on polynomial-time TMs for CONNECTED presented in the book: this materia attention to how the input and output of the algori	6 and will not be covered in lecture. problems such as PATH and l is a review of CS 256 but do pay
Read the Proof of Theorem 7.16 on Page 290 which we will discuss in next class.		
Quest	ons:	
1.	What is the dynamic programming subproblem? T	That is, what is stored in $table(i, j)$ ?
2.	What is the base case of the dynamic program?	

3. How is the subproblem table(i, j) computed based on the solutions to the smaller

subproblems?