


## National University of Computer and Emerging Sciences, Lahore Campus

	<b>Course:</b>	<b>Design and Analysis of Algorithms</b>	<b>Course Code:</b>	<b>CS302</b>
	<b>Program:</b>	<b>BS(Computer Science)</b>	<b>Semester:</b>	<b>Spring 2018</b>
	<b>Duration:</b>	<b>10 Minutes</b>	<b>Total Marks:</b>	<b>10</b>
	<b>Paper Date:</b>	<b>3-April-18</b>	<b>Weight</b>	<b>3</b>
	<b>Section:</b>	<b>D</b>	<b>Page(s):</b>	<b>1</b>
	<b>Exam:</b>	<b>Quiz 4</b>	<b>Roll No:</b>	
			<b>Section:</b>	

Suppose that in activity selection problem, instead of always selecting the first activity to finish, we instead select the last activity to start that is compatible with all previously selected activities. Is this a greedy strategy? Will it always yield the optimal answer?