


National University of Computer and Emerging Sciences, Lahore Campus

	Course:	Design and Analysis of Algorithms	Course Code:	CS302
	Program:	BS(Computer Science)	Semester:	Spring 2018
	Duration:	10 Minutes	Total Marks:	10
	Paper Date:	20-Feb-18	Weight	3
	Section:	C	Page(s):	1
	Exam:	Quiz 2	Roll No:	
			Section:	

You are given an array A of size n and an integer k such that the sub arrays $A[1.. n/k]$, $A[n/k+1..2n/k]$... $A[(k-1)n/k+1 .. n]$ are sorted. Write the function k -merge that sorts the entire array A .