REPORT LAB9

	Time in milliseconds					
Questions	Time(10^5)	comments				
1_a	18.0354		simple merge sort			
1_b	16.1799		merge sort v	vith technique 1		
1_c	15.6135		merge sort wit	th technique 1,2	Name:Vora Brijesh	
1_d	17.012		merge sort with	technique 1,2,3	Roll No: cs17b031	
1_e	15.225		merge sort v	vith technique 4		
1_e 1_f	250.2	bottom up	bottom up merge sort with 10 ⁴ elements			
2 2	15.3045	Q11	ick sort with 1st e	lomont as nivet		
2_a		qu		•		
2_b	16.4021	quick sort with median as pivot				
	Time in milliseconds					
	10^3	10^4	10^5	10^6		comments
3_a	0.605	59.439	7239.85	-	more than 15 mins	insertion sort
3_b	3.347	120.313	10558.2	-	more than 15 mins	selection sort
3_c	9.023	268.419	29898.8	-	more than 15 mins	bubble sort
3_d	0.54	3.552	15.225	200.54		merge sort with 4 optimizations
3_e	0.254	3.897	16.4021	177.036		quick sort with median as pivot
3_e 3_f	0.2944	2.2467	17.4721	199.082		sort function in STL