

Data Structures and Algorithms Lab

08. Introduction to Algorithms

Subject Code: 17ESCP201

Lab No: 08

Semester: III

Date: 12 Oct 2017

Batch: C1

Question: Design and Analysis of a given task

Objective: Understanding the machines way of solving a task

For the task carried out in teams, code the algorithm and note the time taken for each mentioned input size. Plot the graph using excel sheet and present the analysis.

Si. No.	Input Size	Time Taken (Seconds)
1.	1000	
2.	2000	
3.	3000	
4.	4000	
5.	5000	
6.	6000	
7.	7000	
8.	8000	
9.	9000	
10.	10000	
11.	11000	
12.	12000	
13.	13000	
14.	14000	
15.	15000	
16.	16000	
17.	17000	
18.	18000	
19.	19000	
20.	20000	

**** Happy Coding ****