Practical Assignment No. 1 (ACT)	
Title:	Vertex Cover problem
Problem Statement:	Implement an approximation algorithm for the vertex cover problem.
Objective:	To apply algorithmic strategies for solving the problems.
Outcome:	CO513.1: Solve the problems using appropriate algorithmic strategies.
Software or Hardware Requirements:	Python/Java/GCC
Theory: (Write the details of given points)	Need for approximation algorithms(5 points) Problems that can be solved using approximation algorithms(5 problems) Approximation Algorithm for Vertex Cover Analysis of Approximation Algorithm for VC with an example
Input/Datasets/Test Cases:	Use different graph sizes for recording the time reading for analysing the program. Mention here what graph sizes and structure is used in the program.
Results:	Write result values in the table and prepare a graph. Graph-size Vs time
Analysis and conclusion:	Write your own analysis of output and conclusion(Minimum 1 statement Analysis, Minimum 1 Statement Conclusion)
References:	Reference Links(Any 2)