Class:	S.E. I.T.
Subject Name:	Python Lab
Assignment No:	**2**
Mapped to CO	LO5. Explain how to design GUI Applications in Python and evaluate different database operations LO6. Design and develop Client Server network applications using Python
Deadline:	**02/04/2019**
Date of Submission:	
Roll No:	
Name of the Student:	

Evaluation:

Sr. No	Rubric	Grade
1.	**On time completion and submission (2)**	
2.	**Completeness (2)**	
3.	**Accuracy (4)**	
4.	**Plagiarism check (2)**	

Signature of the Teacher

Rubrics for assessment of Assignment:

Indicator	**Poor**	**Average**	**Good**
On time completion and submission (2)	Late submission(0)	Two sessions late (0.5)	Submits on time(2)
Completeness(2)	Not able to soleve any problem(0)	Able to solve single ptoblem(1)	Able to solve all the problems(4)
Accuracy(4)	No output(0)	Partial output or program works for very few test cases(1)	Correct output. Program works for all test cases(4)
Plagiarism check(2)	Identified that all codes are copied from other students(0)	Identified that upto 25% of codes are self written and for rest of the codes due to credit is given to classmate from which help is taken(0.5)	Identified that all the codes are self written(2)

1. Explain different methods for Geometry Management.

2. Design simple GUI application step by step using Tkinter.

3. Write a Python program to
    a. create a new database in a file called “event.db” containing a single table called “Fifa”, with a single field called “scores”.
    b. insert 100,000 random numbers between 10.0 and 30.0. How long does it take this program to run?
    c. How long does it take to run a program that simply writes those random numbers to a file?

4. Design and develop Client Server file transfer applications using python.