

## **INDIAN SCHOOL AL GHUBRA**

### **CLASS XII    COMPUTER SCIENCE    LAB ASSIGNMENT 17    DATE: 2/6/2020**

Create a database Employee and establish database connectivity

Create a table Emp in the database with fields Empno as primary key, Empname, Salary, Department and Designation with appropriate datatypes.

Write a user defined function Insert\_Initial() to insert 6 records in the table. (Use a single parameterized query)

Write a menu driven program in Python which does the following tasks:

1. Insert details of an employee in the table.
2. Search the details of employees (The search should have a combination of 2 conditions ie it has to be based on multiple criteria(Use any of the SQL operators - IN, BETWEEN, Relational Operators, Like etc)
3. Update details of the employees with atleast 2 fields involved. Eg: the salary of all employees in the department Sales with Designation Clerk, by 35% .
4. Remove the details of an employee. Eg: Remove all the employees of HR department who earn a salary less than 15000.

#### Points to be noted

Insert and Delete should be associated with suitable confirmation messages (Hint:rowcount)

Error in connection needs to be tackled with appropriate function (Hint:built in)

Write separate user defined functions for Insert, Search, Delete, Update and Display

Exceptions should be handled.