Q.2] Create table Employee (E_id, name, address, ph_no). Create Application for performing the following operation on the table. (Using SQLite database). i] Insert record of 5 new Employees. ii] Show all the details of Employee.

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="16dp">

    <Button
        android:id="@+id/btnAddEmployee"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Add Employee"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginBottom="16dp" />

    <ListView
        android:id="@+id/listViewEmployees"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/btnAddEmployee"
        android:layout_marginTop="16dp" />

</RelativeLayout>
```

```
public class EmployeeDatabaseHelper extends SQLiteOpenHelper {
    private static final String DATABASE_NAME = "EmployeeDB";
    private static final int DATABASE_VERSION = 1;

    public EmployeeDatabaseHelper(Context context) {
        super(context, DATABASE_NAME, null, DATABASE_VERSION);
    }

    @Override
    public void onCreate(SQLiteDatabase db) {
        String createTableQuery = "CREATE TABLE Employee (E_id INTEGER PRIMARY KEY, name TEXT,
address TEXT, ph_no TEXT)";
        db.execSQL(createTableQuery);
    }

    @Override
    public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {
        db.execSQL("DROP TABLE IF EXISTS Employee");
        onCreate(db);
    }
}



public void addEmployee(Employee employee) {
    SQLiteDatabase db = this.getWritableDatabase();
    ContentValues values = new ContentValues();
    values.put("name", employee.getName());
    values.put("address", employee.getAddress());
```

```
    values.put("ph_no", employee.getPhoneNumber());
    db.insert("Employee", null, values);
    db.close();
}

public List<Employee> getAllEmployees() {
    List<Employee> employeeList = new ArrayList<>();
    String selectQuery = "SELECT * FROM Employee";
    SQLiteDatabase db = this.getWritableDatabase();
    Cursor cursor = db.rawQuery(selectQuery, null);

    if (cursor.moveToFirst()) {
        do {
            Employee employee = new Employee();
            employee.setE_id(cursor.getInt(0));
            employee.setName(cursor.getString(1));
            employee.setAddress(cursor.getString(2));
            employee.setPhoneNumber(cursor.getString(3));
            employeeList.add(employee);
        } while (cursor.moveToNext());
    }
    cursor.close();
    return employeeList;
}
```