```
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    DataBaseHelper myDb;
    EditText txtName, txtSurName, txtMarks;
    Button btnClick;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        myDb = new DataBaseHelper(this);
        txtName = (EditText) findViewById(R.id.idName);
        txtSurName = (EditText) findViewById(R.id.idSurname);
        txtMarks = (EditText) findViewById(R.id.idMarks);
        btnClick = (Button) findViewById(R.id.idBtn);
        btnClick.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                ClickMe();
            }
        });

    }

    private void ClickMe() {
        String name = txtName.getText().toString();
        String surname = txtSurName.getText().toString();
        String marks = txtMarks.getText().toString();
        Boolean result = myDb.insertData(name, surname, marks);
        if (result == true) {
            Toast.makeText(this, "Data Inserted Successfully",
Toast.LENGTH_SHORT).show();
        } else {
            Toast.makeText(this, "Data Insertion Failed",
Toast.LENGTH_SHORT).show();
        }
    }
}
```

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
```

```
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context="anu.com.sqlite.MainActivity"
    android:orientation="vertical">

    <EditText
        android:id="@+id/idName"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="NAME" />

    <EditText
        android:id="@+id/idSurname"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="SURNAME" />

    <EditText
        android:id="@+id/idMarks"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:hint="MARKS" />

    <Button
        android:id="@+id/idBtn"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="INSERT" />
</LinearLayout>
```

Database helper

```
import android.content.ContentValues;
import android.content.Context;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;

/**
 * Created by Arjun on 4/2/2017.
 */
public class DataBaseHelper extends SQLiteOpenHelper {
    public static final  String DATABASE_NAME = "Student.db";
    public static final  String TABLE_NAME = "Student_table";

    public static final  String COL_1 = "ID";
    public static final  String COL_2 = "NAME";
    public static final  String COL_3 = "SURNAME";
    public static final  String COL_4 = "MARKS";

    public DataBaseHelper(Context context) {
        super(context, DATABASE_NAME, null, 1);
    }
```

```
    @Override
    public void onCreate(SQLiteDatabase db) {
        db.execSQL("CREATE TABLE " + TABLE_NAME + " (ID INTEGER PRIMARY KEY
AUTOINCREMENT,NAME TEXT,SURNAME TEXT,MARKS INTEGER)");
    }

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

    public boolean insertData(String name,String surname,String marks){
        SQLiteDatabase db = this.getWritableDatabase();
        ContentValues contentValues = new ContentValues();
        contentValues.put(COL_2,name);
        contentValues.put(COL_3,surname);
        contentValues.put(COL_4,marks);
        long result = db.insert(TABLE_NAME,null,contentValues);
        db.close();

        //To Check Whether Data is Inserted in DataBase
        if(result==-1){
            return false;
        }else{
            return true;
        }
    }
}
```