XML code

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<LinearLayout

android:layout\_width="309dp"

android:layout\_height="415dp"

android:orientation="vertical"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent">

<EditText

android:id="@+id/name"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:inputType="textPersonName" />

<EditText

android:id="@+id/editTextTextPersonName7"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:inputType="textPersonName"

android:minHeight="48dp"

android:text="Name" />

<EditText

android:id="@+id/phone"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:inputType="textPersonName"

android:minHeight="48dp"

android:text="phone" />

<TextView

android:id="@+id/textView6"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="DOB" />

<EditText

android:id="@+id/date"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:inputType="date" />

<Button

android:id="@+id/btn"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Submit" />

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

Java code

MainActivity.java

package com.example.dboperation;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;

import java.util.Date;

public class MainActivity extends AppCompatActivity {

EditText e1,e2;

Button b1;

String name,phone;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

e1=findViewById(R.id.*name*);

e2=findViewById(R.id.*phone*);

b1=findViewById(R.id.*btn*);

Dbop obj=new Dbop(this);

b1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

name=e1.getText().toString();

phone=e2.getText().toString();

Boolean b=obj.onInsert(name,phone);

if(b)

{

Toast.*makeText*(MainActivity.this, "Inserted to database", Toast.*LENGTH\_SHORT*).show();

}

else

{

Toast.*makeText*(MainActivity.this, "Unable to insert", Toast.*LENGTH\_SHORT*).show();

}

}

});

}

}

DBop.java

package com.example.dboperation;

import android.content.ContentValues;

import android.content.Context;

import android.database.sqlite.SQLiteDatabase;

import android.database.sqlite.SQLiteOpenHelper;

import androidx.annotation.Nullable;

public class Dbop extends SQLiteOpenHelper {

private static String *dbname*="Student";

private static int *ver*=1;

private static String *tbname*="tblprofile";

SQLiteDatabase db;

public Dbop(@Nullable Context context) {

super(context, *dbname*, null, *ver*);

}

@Override

public void onCreate(SQLiteDatabase db) {

db.execSQL("create table "+*tbname*+"(id integer primary key autoincrement,name varchar(20),mobile varchar(10))");

}

@Override

public void onUpgrade(SQLiteDatabase db, int i, int i1) {

db.execSQL("drop table "+*tbname*);

onCreate(db);

}

public boolean onInsert(String sname,String smob)

{

ContentValues cv=new ContentValues();

cv.put("name",sname);

cv.put("mobile",smob);

db=getWritableDatabase();

long ret=db.insert(*tbname*,null,cv);

if(ret!=-1)

{

return true;

}

else

{

return false;

}

}

}

OUTPUT

