

IMPICIT

activity_main.xml

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

    <LinearLayout
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"
    android:orientation="vertical"
    android:gravity="center"
    tools:context=".MainActivity">

        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Dial"
            android:id="@+id/dail"
        />

        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Gallery"
            android:id="@+id/gallery"
        />

        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="GEO"
            android:id="@+id/geo"
        />

        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="WEB"
            android:id="@+id/web"
        />
```

</LinearLayout>

MainActivity.java

```
package
com.example.impliciti
ntent;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {
    Button dail,gallery,geo,web;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        dail=findViewById(R.id.dail);
        gallery=findViewById(R.id.gallery);
        geo=findViewById(R.id.geo);
        web=findViewById(R.id.web);

        dail.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent in1=new
Intent(Intent.ACTION_DIAL,Uri.parse("tel:+918593014459"));
                startActivity(in1);
            }
        });
        gallery.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent in1=new
Intent(Intent.ACTION_VIEW,Uri.parse("content://media/external/i
mages/media/"));
                startActivity(in1);
            }
        });
    }
}
```

```

        geo.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent in1=new
Intent(Intent.ACTION_VIEW,Uri.parse("geo:10.175456,76.459512"))
;
                startActivity(in1);
            }
        });
        web.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent in1=new
Intent(Intent.ACTION_VIEW,Uri.parse("https://ssmpoly.ac.in"));
                startActivity(in1);
            }
        });
    }
}

```

EXPLICIT

activity_main.xml

```

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

<LinearLayout
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"
    android:orientation="vertical"
    android:gravity="center"
    >

    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter user name"
    >

```

```

        android:id="@+id/uname"
        android:inputType="text"
    />
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="password"
        android:inputType="textPassword"
        android:id="@+id/pass"
    />
    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Login"
        android:id="@+id/login"
    />
</LinearLayout>

```

activity_page2.xml

```

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

<LinearLayout
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"
    android:orientation="vertical"
    android:gravity="center"
>

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:textSize="50dp"
        android:id="@+id/wel"
        android:text="Welcome"/>
</LinearLayout>

```

MainActivity.java

```
package
com.example.explicitintent;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
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 {
    EditText uname,pass;
    Button login;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        uname=findViewById(R.id.uname);
        pass=findViewById(R.id.pass);
        login=findViewById(R.id.login);

        login.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String user=uname.getText().toString();
                String passw=pass.getText().toString();

                if (passw.equals("123") &&
user.equals("KD"))
                {
                    Intent in1=new
Intent(MainActivity.this,page2.class);
                    in1.putExtra("user",user);
                    in1.putExtra("pass",passw);
                    startActivity(in1);
                }
            }
        })
    }
}
```

```

        else
        {
            Toast.makeText(MainActivity.this,
"Worng input", Toast.LENGTH_SHORT).show();
        }
    }
});
}
}

```

page2.java

```

package
com.example.explicitintent;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.widget.TextView;

public class page2 extends AppCompatActivity {
    TextView val;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_page2);

        String v=getIntent().getStringExtra("user");

        val=findViewById(R.id.wel);
        val.setText("Welcome "+v);
    }
}

```

WEBVIEW

activity_main.xml

```

<?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">

    <WebView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/web"/>

</androidx.constraintlayout.widget.ConstraintLayout>
```

MainActivity.java

```
package
com.example.web;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.webkit.WebView;

public class MainActivity extends AppCompatActivity {
    WebView web;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        web=findViewById(R.id.web);
        web.loadUrl("file:///android_asset/view.html");
    }
}
```

view.html

```
<html>

  <head>
    <link rel="stylesheet" href="style.css">

  </head>
  <body>
    <h1 align="center"><u>Media Files</u></h1>
    <h3>Image file</h3>
    
    <h3>audio file</h3>
    <audio controls>
      <source src="audio.mp3" type="audio/mp3"/>
    </audio>
    <h3>Vedio file</h3>
    <video controls width="100%">
      <source src="vedio.mp4" type="video/mp4" />
    </video>
  </body>
</html>
```

style.css

```
body
{
  background: linear-gradient(-45deg, #ee7752, #e73c7e, #23a6d5, #23d5ab);
  background-size: 400% 400%;
  animation: gradient 15s ease infinite;
  height: 100vh;
}

@keyframes gradient {
  0% {
    background-position: 0% 50%;
  }
  50% {
    background-position: 100% 50%;
  }
  100% {
    background-position: 0% 50%;
  }
}
```


SQL

activity_main.xml

```
<?xml
version="1.0"
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8"?>

<LinearLayout
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"
    android:orientation="vertical"
    tools:context=".MainActivity">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Student dataBase"
        android:layout_marginTop="50px"
        android:gravity="center"
        android:textSize="50px"
    />
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Roll No"
        android:id="@+id/rollno"
    />
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Name"
        android:id="@+id/name"
    />
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Mark"
        android:id="@+id/mark"
    />

    <LinearLayout
        android:layout_width="match_parent"
```

```

        android:layout_height="wrap_content"
        android:gravity="center"

    >
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Add"
        android:layout_marginRight="100px"
        android:id="@+id/add"/>
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Delete"
        android:id="@+id/del"/>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:gravity="center"
    >
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Modify"
        android:layout_marginRight="100px"
        android:id="@+id/mod"/>
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="search"
        android:id="@+id/sea"/>
</LinearLayout>
<Button
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="View All"
    android:id="@+id/view"/>
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/viewtext"
    />
</LinearLayout>

```

MainActivity.java

```
package
com.exempl
e.sql;

import androidx.appcompat.app.AppCompatActivity;

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    EditText rollno,name,mark;
    Button mod,sea,del,add,view;
    TextView viewtext;
    SQLiteDatabase db;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        rollno=findViewById(R.id.rollno);
        name=findViewById(R.id.name);
        mark=findViewById(R.id.mark);

        mod=findViewById(R.id.mod);
        sea=findViewById(R.id.sea);
        del=findViewById(R.id.del);
        add=findViewById(R.id.add);
        view=findViewById(R.id.view);

        viewtext=findViewById(R.id.viewtext);

        db=openOrCreateDatabase("dbstudent", Context.MODE_PRIVATE,null);
        db.execSQL("create table if not exists std(roll VARCHAR,name
        VARCHAR,mark VARCHAR)");
    }
}
```

```

mod.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        String stname,stroll,stmark;
        stname=name.getText().toString();
        stroll=rollno.getText().toString();
        stmark=mark.getText().toString();
        if
(name.getText().toString().isEmpty()||rollno.getText().toString().isEmpty(
)||mark.getText().toString().isEmpty())
        {
            Toast.makeText(MainActivity.this, "Enter all fedild",
Toast.LENGTH_SHORT).show();
        }
        else
        {

            db.execSQL("update std set
name='"+stname+"',mark='"+stmark+"' where roll='"+stroll+"'");
            Toast.makeText(MainActivity.this, "Data Updated",
Toast.LENGTH_SHORT).show();
        }
        name.setText("");
        rollno.setText("");
        mark.setText("");
    }

});

```

```

sea.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        viewtext.setText("");
        String stname,stroll,stmark;
        stname=name.getText().toString();
        stroll=rollno.getText().toString();
        stmark=mark.getText().toString();
        if (rollno.getText().toString().isEmpty())
        {
            Toast.makeText(MainActivity.this, "Enter Roll no",
Toast.LENGTH_SHORT).show();
        }
        else
        {

```

```

        Cursor cu=db.rawQuery("select * from std where
roll='"+stroll+"'",null);
        String st="";
        if (cu.moveToFirst()) {
            st = st + "Roll No:" + cu.getString(0) + " Name:"
+ cu.getString(1) + " Marks:" + cu.getString(2) + "\n";
            viewtext.setText(st);
        }
    }
}
});

```

```

del.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        String stname,stroll,stmark;
        stname=name.getText().toString();
        stroll=rollno.getText().toString();
        stmark=mark.getText().toString();
        if (rollno.getText().toString().isEmpty())
        {
            Toast.makeText(MainActivity.this, "Enter Roll no",
Toast.LENGTH_SHORT).show();
        }
        else
        {
            db.execSQL("delete from std where roll='"+stroll+"'");
            Toast.makeText(MainActivity.this, "Data deleted",
Toast.LENGTH_SHORT).show();
        }
        name.setText("");
        rollno.setText("");
        mark.setText("");
    }
});

```

```

add.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {

        String stname,stroll,stmark;
        stname=name.getText().toString();
        stroll=rollno.getText().toString();
        stmark=mark.getText().toString();
    }
}

```

```

        if
(name.getText().toString().isEmpty()||rollno.getText().toString().isEmpty(
)||mark.getText().toString().isEmpty())
        {
            Toast.makeText(MainActivity.this, "Fill all feild",
Toast.LENGTH_SHORT).show();
        }
        else
        {
            ContentValues cv=new ContentValues();
            cv.put("roll",stroll);
            cv.put("name",stname);
            cv.put("mark",stmark);
            db.insert("std",null,cv);
            Toast.makeText(MainActivity.this, "Add",
Toast.LENGTH_SHORT).show();
        }
        name.setText("");
        rollno.setText("");
        mark.setText("");
    }
});
view.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        viewtext.setText("");
        Cursor cu=db.rawQuery("select * from std",null);
        String st="";
        if (cu.moveToFirst()) {
            while (!cu.isAfterLast()) {
                st = st + "Roll No:" + cu.getString(0) + " Name:"
+ cu.getString(1) + " Marks:" + cu.getString(2) + "\n";
                cu.moveToNext();
            }
            viewtext.setText(st);
        }
    }
});
}
}

```