

Practical23

- Video Capture

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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"
    xmlns:android="http://schemas.android.com/apk/res/android"
    tools:context=".MainActivity"
    android:orientation="vertical">
    <Button
        android:layout_width="250dp"
        android:layout_height="wrap_content"
        android:text="Capture Video"
        android:onClick="captureVideo"
        android:layout_gravity="center_horizontal"
        android:layout_marginTop="150dp"
    />
    <Button
        android:layout_width="250dp"
        android:layout_height="wrap_content"
        android:text="Play Video"
        android:onClick="playVideo"
        android:layout_gravity="center_horizontal"
        android:layout_marginTop="25dp"
    />
</LinearLayout>

package com.example.practical23;

import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.provider.MediaStore;
import android.view.View;
public class MainActivity extends AppCompatActivity
{
    private Uri videoUri = null;
    @Override
    protected void onCreate(Bundle savedInstanceState)
```

```

{super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
}
public void captureVideo(View view) {
    Intent videoIntent = new Intent(MediaStore.ACTION_VIDEO_CAPTURE);
    if(videoIntent.resolveActivity(getPackageManager())!=null)
    {
        startActivityForResult(videoIntent,0);
    }
}
public void playVideo(View view) {
    Intent playIntent = new Intent(this,VideoPlayActivity.class);
    playIntent.putExtra("videoUri", videoUri.toString());
    startActivity(playIntent);
}
@Override
protected void onActivityResult(int requestCode, int resultCode, Intent data)
{
    super.onActivityResult(requestCode, resultCode, data);
    videoUri = data.getData();
}
}

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

    <VideoView

        android:id="@+id/videoView"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginStart="35dp"
        android:layout_marginTop="35dp"
        android:layout_marginEnd="35dp"
        android:layout_marginBottom="35dp" />
</RelativeLayout>
package com.example.practical23;

import androidx.appcompat.app.AppCompatActivity;
import android.net.Uri;
import android.os.Bundle;
import android.widget.VideoView;
public class VideoPlayActivity extends AppCompatActivity
{private VideoView mVideoView;

```

```

@Override
protected void onCreate(Bundle savedInstanceState)
{super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_video_play);
    mVideoView = findViewById(R.id.videoView);
    Uri videoUri = Uri.parse(getIntent().getExtras().getString("videoUri"));
    mVideoView.setVideoURI(videoUri);
    mVideoView.start();
}
}

```

