

# Practical: 3

**AIM-Create an android application which demonstrates implicit & explicit Intent.**

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### Practical-3

Intent, types of Intent, types of Intent Action, Intent.setData() method, Intent.setType() method, Button, ConstraintLayout, CoordinatorLayout, startActivity() method, ActivityResultContracts. Permission in manifest, ContextCompat.checkSelfPermission(), ActivityCompat.requestPermissions() method, Uri.parse() method,

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"
    android:id="@+id/main"
    tools:context=".MainActivity">
    <androidx.constraintlayout.widget.Guideline
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/guideline"
        android:orientation="vertical"
        app:layout_constraintGuide_begin="100dp" />

    <!-- Web Url -->
    <TextView
        android:id="@+id/textViewUrl"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="18dp"
        android:text="Web Url:"
        android:textSize="18sp"

    app:layout_constraintBaseline_toBaselineOf="@+id/editTextUrl"
    app:layout_constraintStart_toStartOf="parent" />

    <EditText
        android:id="@+id/editTextUrl"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginTop="24dp"
        android:layout_marginStart="8dp"
```

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```
        android:hint="https://www.google.com"
        android:inputType="textUri"
        app:layout_constraintStart_toEndOf="@id/guideline"
        app:layout_constraintEnd_toStartOf="@id/buttonLoad"
        app:layout_constraintTop_toTopOf="parent" />

<Button
    android:id="@+id/buttonLoad"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="24dp"
    android:layout_marginEnd="18dp"
    android:text="Browse"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

<!-- Phone Number -->
<TextView
    android:id="@+id/textViewPhone"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="18dp"
    android:text="Phone No.:"
    android:textSize="18sp"

app:layout_constraintBaseline_toBaselineOf="@+id/editTextPhone"
    app:layout_constraintStart_toStartOf="parent" />

<EditText
    android:id="@+id/editTextPhone"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginTop="24dp"
    android:layout_marginStart="8dp"
    android:hint="9999999999"
    android:inputType="phone"
    app:layout_constraintStart_toEndOf="@id/guideline"
    app:layout_constraintEnd_toStartOf="@id/buttonCall"
    app:layout_constraintTop_toBottomOf="@id/editTextUrl" />

<Button
```

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```
        android:id="@+id/buttonCall"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginEnd="18dp"
        android:text="Call"
        app:layout_constraintTop_toTopOf="@id/editTextPhone"
        app:layout_constraintEnd_toEndOf="parent" />

<!-- Call Log -->
<TextView
    android:id="@+id/textViewCallLog"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="18dp"
    android:layout_marginTop="24dp"
    android:text="Call Log:"
    android:textSize="18sp"
    app:layout_constraintTop_toBottomOf="@id/editTextPhone"
    app:layout_constraintStart_toStartOf="parent" />

<Button
    android:id="@+id/buttonCallLog"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="18dp"
    android:text="Call Log"
    app:layout_constraintTop_toTopOf="@id/textViewCallLog"
    app:layout_constraintEnd_toEndOf="parent" />

<!-- Gallery -->
<TextView
    android:id="@+id/textViewGallery"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="18dp"
    android:layout_marginTop="24dp"
    android:text="Gallery:"
    android:textSize="18sp"
    app:layout_constraintTop_toBottomOf="@id/textViewCallLog"
    app:layout_constraintStart_toStartOf="parent" />
```

```
<Button
    android:id="@+id/buttonGallery"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="18dp"
    android:text="Gallery"
    app:layout_constraintTop_toTopOf="@id/textViewGallery"
    app:layout_constraintEnd_toEndOf="parent" />

<!-- Camera -->
<TextView
    android:id="@+id/textViewCamera"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="18dp"
    android:layout_marginTop="24dp"
    android:text="Camera:"
    android:textSize="18sp"
    app:layout_constraintTop_toBottomOf="@id/textViewGallery"
    app:layout_constraintStart_toStartOf="parent" />

<Button
    android:id="@+id/buttonCamera"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="18dp"
    android:text="Camera"
    app:layout_constraintTop_toTopOf="@id/textViewCamera"
    app:layout_constraintEnd_toEndOf="parent" />

<!-- Alarm -->
<TextView
    android:id="@+id/textViewAlarm"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="18dp"
    android:layout_marginTop="24dp"
    android:text="Alarm:"
    android:textSize="18sp"
    app:layout_constraintTop_toBottomOf="@id/textViewCamera"
    app:layout_constraintStart_toStartOf="parent" />
```

```
<Button
    android:id="@+id/buttonAlarm"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="18dp"
    android:text="Alarm"
    app:layout_constraintTop_toTopOf="@id/textViewAlarm"
    app:layout_constraintEnd_toEndOf="parent" />

<!-- Login -->
<TextView
    android:id="@+id/textViewLogin"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="18dp"
    android:layout_marginTop="24dp"
    android:text="Login:"
    android:textSize="18sp"
    app:layout_constraintTop_toBottomOf="@id/textViewAlarm"
    app:layout_constraintStart_toStartOf="parent" />

<Button
    android:id="@+id/buttonLogin"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="18dp"
    android:text="Login"
    app:layout_constraintTop_toTopOf="@id/textViewLogin"
    app:layout_constraintEnd_toEndOf="parent" />
```

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

**activity\_login.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:id="@+id/login"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
```

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```
tools:context=".MainActivity">

<!-- App Title -->
<ImageView
    android:id="@+id/tvLogo"
    android:layout_width="wrap_content"
    android:layout_height="150dp"
    android:layout_marginTop="40dp"
    android:src="@drawable/guni_pink_logo"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

<!-- Card Background -->
<androidx.cardview.widget.CardView
    android:id="@+id/cardLogin"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="24dp"
    android:layout_marginTop="32dp"
    android:layout_marginEnd="24dp"
    app:cardBackgroundColor="#EDE4F3"
    app:cardCornerRadius="16dp"
    app:cardElevation="8dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@id/tvLogo">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:padding="24dp">

        <!-- Email -->
        <TextView
            android:id="@+id/tvEmail"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Email Id"
            android:textColor="#000000"
            android:textSize="16sp"
```

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```
app:layout_constraintBaseline_toBaselineOf="@+id/etEmail"
    app:layout_constraintStart_toStartOf="parent" />

    <EditText
        android:id="@+id/etEmail"
        android:layout_width="200dp"
        android:layout_height="wrap_content"
        android:backgroundTint="#000000"
        android:inputType="textEmailAddress"
        android:textColor="#000000"
        android:textColorHint="#AAAAAA"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toEndOf="@id/tvEmail"
        app:layout_constraintTop_toTopOf="parent" />

    <!-- Password -->
    <TextView
        android:id="@+id/tvPassword"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Password"
        android:textColor="#000000"
        android:textSize="16sp"

app:layout_constraintBaseline_toBaselineOf="@+id/etPassword"
    app:layout_constraintStart_toStartOf="parent" />

    <EditText
        android:id="@+id/etPassword"
        android:layout_width="200dp"
        android:layout_height="wrap_content"
        android:backgroundTint="#000000"
        android:inputType="textPassword"
        android:textColor="#000000"
        android:textColorHint="#AAAAAA"
        app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintStart_toEndOf="@id/tvPassword"
    app:layout_constraintTop_toBottomOf="@id/etEmail"
/>
```



```
<TextView
    android:id="@+id/tvForgotPassword"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="18dp"
    android:text="Forgot Password?"
    android:textColor="#000000"
    android:textSize="14sp"
    app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@id/etPassword" />

<Button
    android:id="@+id/btnLogin"
    android:layout_width="150dp"
    android:layout_height="wrap_content"
    android:layout_marginTop="18dp"
    android:text="Login"
    android:textColor="#FFFFFF"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/tvForgotPassword" />

</androidx.constraintlayout.widget.ConstraintLayout>
</androidx.cardview.widget.CardView>
<androidx.constraintlayout.widget.ConstraintLayout
    android:id="@+id/constraintLayout"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="25dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@id/cardLogin">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

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```
        android:text="Don't have an account?"
        android:textColor="#000000"
        android:textSize="14sp"
        app:layout_constraintEnd_toStartOf="@+id/tvLogin"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

<TextView
    android:id="@+id/tvLogin"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="SIGN UP"
    android:paddingLeft="10sp"
    android:textColor="#E91E63"
    android:textSize="14sp"
    android:textStyle="bold"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>

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

### activity\_register.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"
    android:background="#FAF6FC"
    tools:context=".RegisterActivity">

    <ImageView
        android:id="@+id/tvTitle"
        android:layout_width="match_parent"
        android:layout_height="150dp"
        android:layout_marginTop="40dp"
        android:src="@drawable/guni_pink_logo"
```

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```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent" />

<androidx.cardview.widget.CardView
    android:id="@+id/cardRegister"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="24dp"
    android:layout_marginTop="32dp"
    android:layout_marginEnd="24dp"
    android:layout_marginBottom="16dp"
    app:cardBackgroundColor="#EDE4F3"
    app:cardCornerRadius="15dp"
    app:cardElevation="20dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@id/tvTitle">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:padding="24dp">

        <TextView
            android:id="@+id/label_FullName"
            android:layout_width="0dp"
            android:layout_height="wrap_content"
            android:text="User Full Name"
            android:textColor="#000000"
            android:textSize="18sp"

app:layout_constraintEnd_toStartOf="@id/edit_full_name"
app:layout_constraintHorizontal_weight="1"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/edit_full_name"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
```

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```
        android:ems="10"

app:layout_constraintBaseline_toBaselineOf="@id/label_FullName"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_weight="1"

app:layout_constraintStart_toEndOf="@id/label_FullName" />

<TextView
        android:id="@+id/label_phone"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginTop="@dimen/reg_top_margin"
        android:text="Phone Number"
        android:textColor="#000000"
        android:textSize="18sp"

app:layout_constraintEnd_toStartOf="@id/edit_phone"
        app:layout_constraintHorizontal_weight="1"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@id/label_FullName" />

<EditText
        android:id="@+id/edit_phone"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="phone"

app:layout_constraintBaseline_toBaselineOf="@id/label_phone"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_weight="1"

app:layout_constraintStart_toEndOf="@id/label_phone" />

<TextView
        android:id="@+id/label_city"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
```

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```
        android:layout_marginTop="@dimen/reg_top_margin"
        android:text="City"
        android:textColor="#000000"
        android:textSize="18sp"
        app:layout_constraintEnd_toStartOf="@id/edit_city"
        app:layout_constraintHorizontal_weight="1"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@id/label_phone" />

<EditText
    android:id="@+id/edit_city"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:ems="10"
    android:inputType="text"

app:layout_constraintBaseline_toBaselineOf="@id/label_city"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_weight="1"

app:layout_constraintStart_toEndOf="@id/label_city" />

<TextView
    android:id="@+id/label_email"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginTop="@dimen/reg_top_margin"
    android:text="Email"
    android:textColor="#000000"
    android:textSize="18sp"

app:layout_constraintEnd_toStartOf="@id/edit_email"
    app:layout_constraintHorizontal_weight="1"
    app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@id/label_city" />

<EditText
    android:id="@+id/edit_email"
    android:layout_width="0dp"
```

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---

```
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="textEmailAddress"

app:layout_constraintBaseline_toBaselineOf="@id/label_email"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_weight="1"

app:layout_constraintStart_toEndOf="@id/label_email" />

        <TextView
            android:id="@+id/label_password"
            android:layout_width="0dp"
            android:layout_height="wrap_content"
            android:layout_marginTop="@dimen/reg_top_margin"
            android:text="Password"
            android:textColor="#000000"
            android:textSize="18sp"

app:layout_constraintEnd_toStartOf="@id/edit_password"
            app:layout_constraintHorizontal_weight="1"
            app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@id/label_email" />

        <EditText
            android:id="@+id/edit_password"
            android:layout_width="0dp"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPassword"

app:layout_constraintBaseline_toBaselineOf="@id/label_password"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_weight="1"

app:layout_constraintStart_toEndOf="@id/label_password" />

        <TextView
            android:id="@+id/label_confirm_password"
            android:layout_width="0dp"
```

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---

```
        android:layout_height="wrap_content"
        android:layout_marginTop="@dimen/reg_top_margin"
        android:text="Confirm Password"
        android:textColor="#000000"
        android:textSize="18sp"

app:layout_constraintEnd_toStartOf="@id/edit_confirm_password"
    app:layout_constraintHorizontal_weight="1"
    app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@id/edit_password" />

    <EditText
        android:id="@+id/edit_confirm_password"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="textPassword"

app:layout_constraintBaseline_toBaselineOf="@id/label_confirm_password"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_weight="1"

app:layout_constraintStart_toEndOf="@id/label_confirm_password" />

    <View
        android:id="@+id/spacer"
        android:layout_width="match_parent"
        android:layout_height="50dp"

app:layout_constraintTop_toBottomOf="@id/edit_confirm_password" />

    </androidx.constraintlayout.widget.ConstraintLayout>
</androidx.cardview.widget.CardView>

<androidx.constraintlayout.widget.ConstraintLayout
    android:id="@+id/constraintLayout2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="-20dp"
```

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```
        android:elevation="25dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@id/cardRegister">

        <Button
            android:id="@+id/btnRegister"
            android:layout_width="200dp"
            android:layout_height="wrap_content"
            android:padding="8dp"
            android:text="Register"
            android:textColor="#FFFFFF"
            android:textSize="16sp"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent" />
    </androidx.constraintlayout.widget.ConstraintLayout>

    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/constraintLayout"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="24dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toBottomOf="@id/constraintLayout2">

        <TextView
            android:id="@+id/textView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Do you have an account?"
            android:textColor="#000000"
            android:textSize="14sp"
            app:layout_constraintEnd_toStartOf="@id/btnLogin"

        app:layout_constraintHorizontal_chainStyle="spread_inside"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent" />
```



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```
<Button
    android:id="@+id/btnLogin"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:backgroundTint="@color/login_btn_bg"
    android:paddingLeft="10dp"
    android:text="@string/login"
    android:textColor="@color/login_btn_text"

app:layout_constraintBaseline_toBaselineOf="@+id/textView"
    app:layout_constraintStart_toEndOf="@id/textView" />
</androidx.constraintlayout.widget.ConstraintLayout>

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

### MainActivity.kt

```
package com.bytemap.mad_23012011026_practical3

import android.content.Intent
import android.net.Uri
import android.os.Bundle
import android.provider.AlarmClock
import android.provider.MediaStore
import android.widget.Button
import android.widget.EditText
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity
import androidx.core.view.ViewCompat
import androidx.core.view.WindowInsetsCompat

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
            val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
            v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
            insets
        }
        // Make call to specific number
        findViewById<Button>(R.id.buttonCall).setOnClickListener {
```

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```
        Intent(  
            Intent.ACTION_DIAL,  
            Uri.parse("tel:"+findViewById<EditText>(R.id.editTextPhone).text.toString())).also  
{ startActivity( it ) }  
    }
```

```
// Open specific URL  
findViewById<Button>(R.id.buttonLoad).setOnClickListener {  
    Intent(  
        Intent.ACTION_VIEW,  
        Uri.parse("https://" + findViewById<EditText>(R.id.editTextUrl).text.toString())).also  
{ startActivity(it) }  
}
```

```
// Open Call Log  
findViewById<Button>(R.id.buttonCallLog).setOnClickListener {  
    Intent(  
        Intent.ACTION_VIEW,  
        Uri.parse("content://call_log/calls")).also { startActivity(it) }  
}
```

```
// Open Gallery  
findViewById<Button>(R.id.buttonGallery).setOnClickListener {  
    Intent(  
        Intent.ACTION_VIEW,  
        Uri.parse("content://media/internal/images/media")  
    ).also { startActivity(it) }  
}
```

```
// Set Alarm  
findViewById<Button>(R.id.buttonAlarm).setOnClickListener {  
    val intent = Intent(AlarmClock.ACTION_SET_ALARM).apply {  
        putExtra(AlarmClock.EXTRA_HOUR, 9)  
        putExtra(AlarmClock.EXTRA_MINUTES, 0)  
        putExtra(AlarmClock.EXTRA_MESSAGE, "Wake up!")  
    }  
    startActivity(intent)  
}
```

```
// Open Camera  
findViewById<Button>(R.id.buttonCamera).setOnClickListener {  
    var intent = Intent(MediaStore.ACTION_IMAGE_CAPTURE)  
    startActivity(intent)  
}
```

```
// Open Login Activity  
findViewById<Button>(R.id.buttonLogin).setOnClickListener {
```

## Practical: 3

---

```
        Intent(this, Login_activity::class.java).also { startActivity( it ) }  
    }  
}
```

### Output:

