

## EXPLICIT INTENT

### 1.Create an Android application to demonstrate the working of Explicit Intent

#### 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">

    <EditText
        android:id="@+id/Name"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="chandini"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.209"
        tools:layout_editor_absoluteX="20dp" />

    <Button
        android:id="@+id/click"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:text="CLICK"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/Name"
        app:layout_constraintVertical_bias="0.307"
        tools:layout_editor_absoluteX="0dp" />

</LinearLayout>
```

#### activity\_secondactivity.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=".secondactivity"
    android:orientation="vertical">

    <TextView
        android:id="@+id/mytext"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="NAMES COMES HERE"
        android:textSize="50dp"
    />

</LinearLayout>
```

```
        android:textAlignment="center"/>
</LinearLayout>
```

## mainactivity.java

```
package com.example.chandiniint;

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;

public class MainActivity extends AppCompatActivity {
    EditText name;
    Button click;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        name=findViewById(R.id.Name);
        click=findViewById(R.id.click);

        click.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent it=new Intent(MainActivity.this,secondactivity.class);
                Bundle b=new Bundle();
                b.putString("name",name.getText().toString());
                it.putExtras(b);
                startActivity(it);
            }
        });
    }
}
```

## secondactivity.java

```
package com.example.chandiniint;

import androidx.appcompat.app.AppCompatActivity;

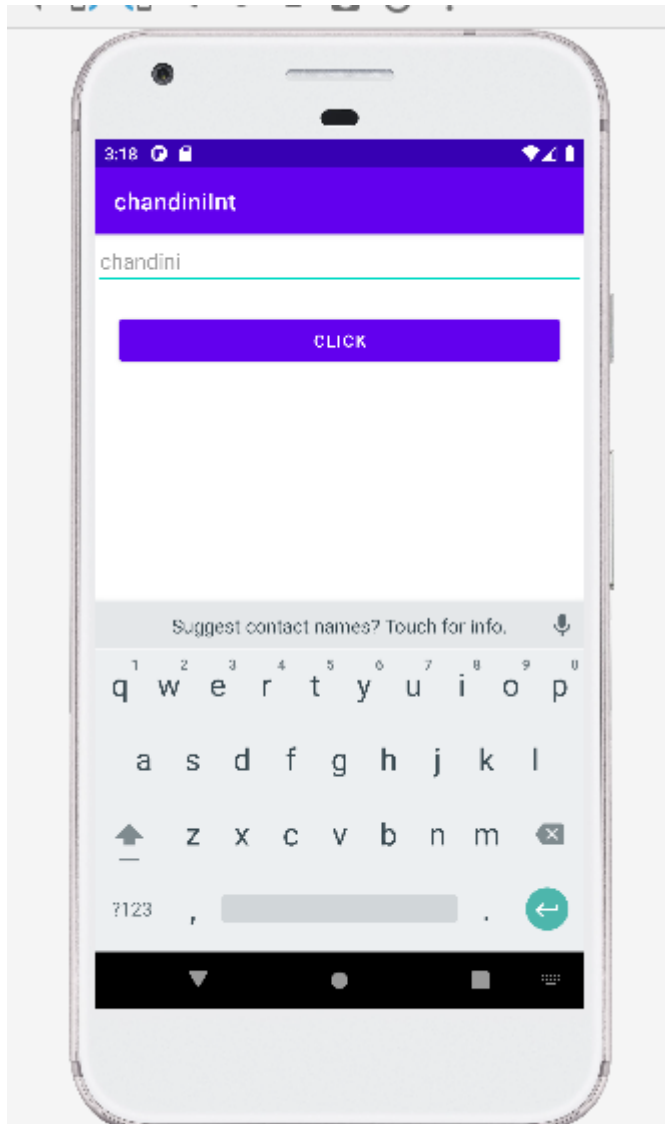
import android.os.Bundle;
import android.widget.TextView;

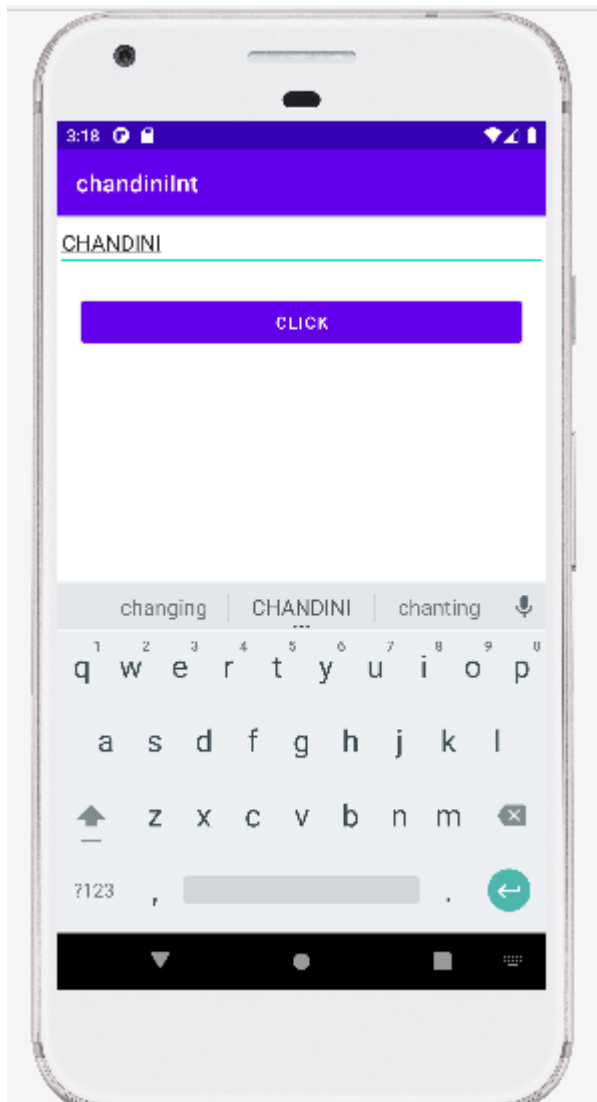
public class secondactivity extends AppCompatActivity {
    TextView mytext;
    String nameMainactivity=" ";

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_secondactivity);
        mytext=findViewById(R.id.mytext);
        nameMainactivity=getIntent().getStringExtra("name");
        mytext.setText(nameMainactivity);
    }
}
```

```
}  
}
```

## OUTPUT:







## 2.Create an Android application to demonstrate the working of Implicit Intent

### main\_activity.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">

    <EditText
        android:id="@+id/myphone"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="enter phone number"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.209"
        tools:layout_editor_absoluteX="20dp" />

    <Button
        android:id="@+id/call"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
```

```

    android:layout_margin="20dp"
    android:text="CALL"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/Name"
    app:layout_constraintVertical_bias="0.307"
    tools:layout_editor_absoluteX="0dp" />

```

```
</LinearLayout>
```

## mainactivity.java

```

package com.example.chandiniint;

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;

public class MainActivity extends AppCompatActivity {
    EditText phone;
    Button call;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        phone=findViewById(R.id.Name);
        call=findViewById(R.id.call);

        call.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent it=new Intent(MainActivity.this,secondactivity.class);
                Bundle b=new Bundle();
                b.putString("phone",phone.getText().toString());
                it.putExtras(b);
                startActivity(it);
            }
        });
    }
}

```

## OUTPUT

