



Experiment – 2.3

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Aim: To design an Android application to Send SMS using Intent.

Objective:- The objective of an Android-based application that uses Intent to send SMS can be to create a convenient and user-friendly tool for sending text messages. This type of app aims to leverage the Android platform's capabilities to provide a seamless and efficient way for users to compose and send SMS messages.

1. CODE: 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">
```

```
    <TextView
        android:layout_width="166dp"
        android:layout_height="98dp"
        android:text="HELLO World I am Shashi "
```

```
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.497"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
```

```
app:layout_constraintVertical_bias="0.617" />
<EditText      android:id="@+id/editTextExample"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Enter text"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="67dp" />
    <ImageView
    android:id="@+id/imageViewExample"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:src="@drawable/ic_launcher_foreground" />
<CheckBox
    android:id="@+id/checkboxExample"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Check me" />
<Spinner
    android:id="@+id/spinnerExample"
    android:layout_width="match_parent"
    android:layout_height="wrap_content" />

<ProgressBar
    android:id="@+id/progressBarExample"
    style="?android:attr/progressBarStyleHorizontal"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:progress="50" />

<Switch
    android:id="@+id/switchExample2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Switch me" />
<ToggleButton
    android:id="@+id/toggleButtonExample"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```
android:textOn="ON"
android:textOff="OFF" />
<AutoCompleteTextView
android:id="@+id/autoCompleteTextViewExample"
android:layout_width="match_parent"
android:layout_height="wrap_content"
    android:hint="Type here" />

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

Java Code:-

```
import
android.support.v7.app.AppCompatActivity;
import android.os.Bundle; import
android.view.View; import
android.widget.CheckBox; import
android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    CheckBox ch, ch1, ch2, ch3;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContent(R.layout.activity_main);
ch=(CheckBox)findViewById(R.id.checkBox);

ch1=(CheckBox)findViewById(R.id.checkBox2);

ch2=(CheckBox)findViewById(R.id.checkBox3);

ch3=(CheckBox)findViewById(R.id.checkBox4);

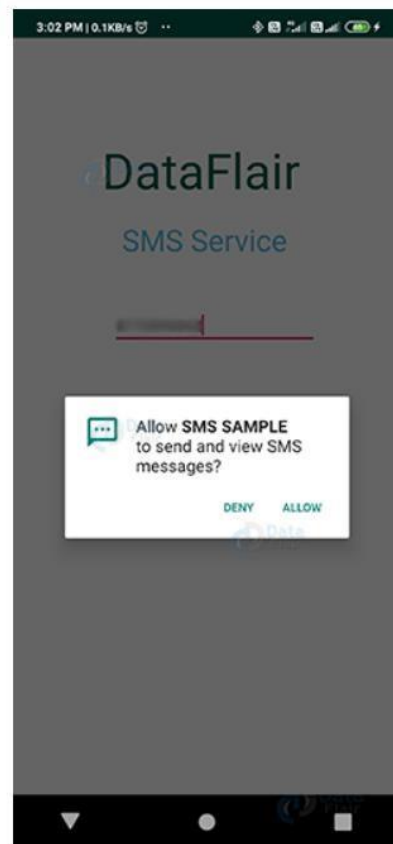
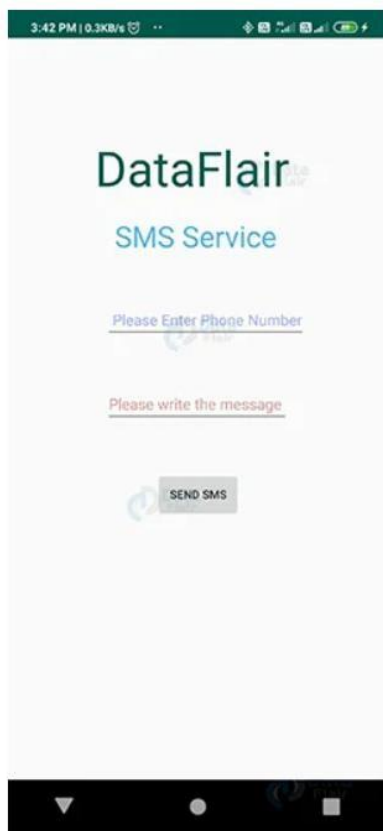
}
public void Check(View v)

{

String msg="";
```

```
if(ch.isChecked())  
    msg = msg + " Painting ";  
if(ch1.isChecked())  
    msg = msg + " Reading ";  
if(ch2.isChecked())  
    msg = msg + " Singing ";  
if(ch3.isChecked())  
    msg = msg + " Cooking ";  
Toast.makeText(this, msg + "are selected",  
    Toast.LENGTH_LONG).show();  
}  
  
}
```

2. OUTPUT:





3. Learning Outcomes:

- Successful USE of your Android development environment.
- Project Workspace.
- Configuration button Completion.
- How to add new Intent.