Experiment – 2.3

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Aim of the practical: To design an android application 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
<?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" />
```

```xml
    <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>
```
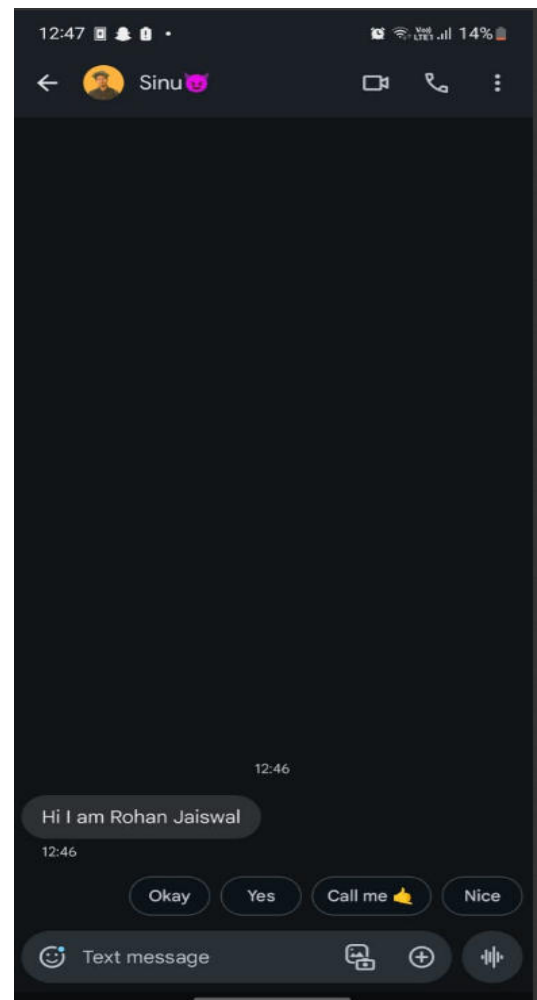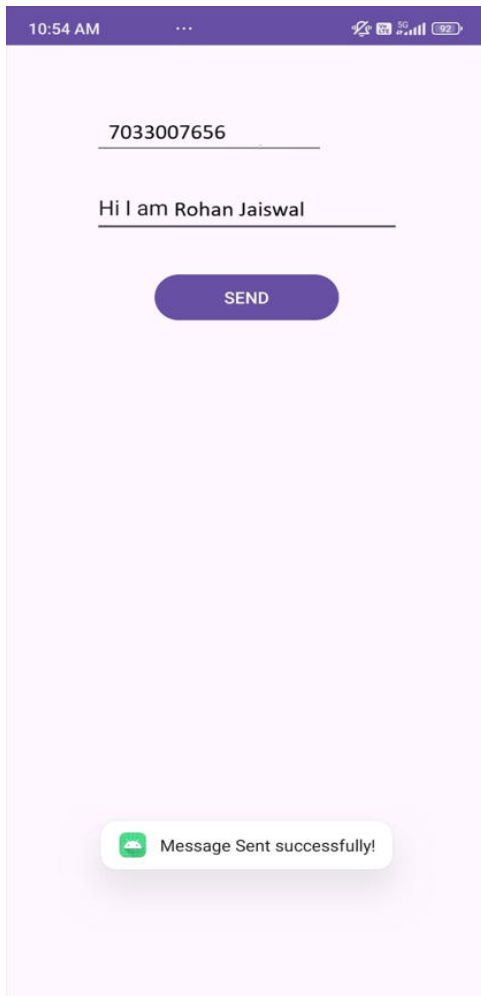
Java Code:-

```java
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);
        setContentView(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 ";
```

```java
        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.