

## Experiment - 6

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**Subject Name:** MAD Lab

**Subject Code:** 20CSP-356

### **Aim:**

To design an android application Send SMS using Intent.

### **Objective:**

Create an Android app that uses Intent and one button to create a page and passes values from one activity to another.

### **Code:**

#### **1. MainActivity.java**

```
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;
```

```
public class MainActivity extends AppCompatActivity {  
    Button clickButton;  
  
    @Override protected void onCreate(Bundle  
savedInstanceState) {  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        clickButton = findViewById(R.id.clickButton);  
  
        clickButton.setOnClickListener(new View.OnClickListener() {  
            @Override  
            public void onClick(View view) {  
                Intent intent = new  
Intent(Intent.ACTION_VIEW,Uri.fromParts("sms","759008  
2308",null)); intent.putExtra("sms_body", "My first  
intent SMS by Ishu Rattan"); startActivity(intent);  
  
            }  
        });  
  
    }  
}
```

}

## 2 . activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>

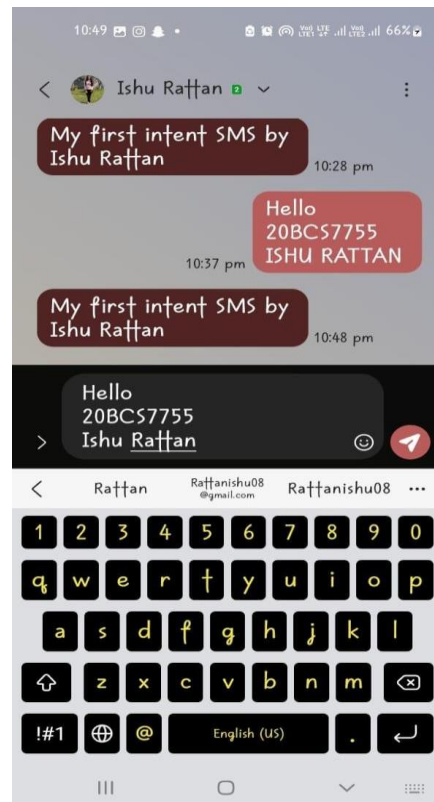
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent" tools:context=".MainActivity">

    <Button
        android:id="@+id/clickButton"
        android:layout_width="135dp"
        android:layout_height="65dp"
        android:backgroundTint="@android:color/holo_blue_bright"
        android:text="SEND SMS" android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
```

```
<TextView  
    android:id="@+id/textView2"  
    android:layout_width="wrap_con  
tent"  
    android:layout_height="wrap_con  
tent"  
    android:text="Click this button to send a Message via an INTENT"  
    android:textSize="16sp"  
    app:layout_constraintBottom_toTopOf="@+id/clickButton"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>
```

**Output Screenshot:-**

## 1. Application window:



## 2 . Intent activity :

