

```

<?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"
    android:orientation="vertical"
    tools:context=".MainActivity" >

    <EditText
        android:id="@+id/edit1"
        android:layout_marginTop="50dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:hint="전달할 정보 입력" />

    <Button
        android:id="@+id/button1"
        android:layout_marginTop="50dp"
        android:layout_gravity="center"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="보내기" />

    <TextView
        android:id="@+id/textView1"
        android:layout_marginTop="50dp"
        android:textSize="20sp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="받은 정보 : " />
</LinearLayout>

```



```

public class MainActivity extends AppCompatActivity {
    EditText edit1;
    Button button1;
    TextView textView1;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        edit1 = findViewById(R.id.edit1);
        button1 = findViewById(R.id.button1);
        textView1 = findViewById(R.id.textView1);

        button1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String input = edit1.getText().toString();
                Intent intent = new Intent(getApplicationContext(), MyService.class);
                intent.putExtra("msg", input);

                startService(intent);
            }
        });
    }

    @Override
    protected void onNewIntent(Intent intent) {
        super.onNewIntent(intent);
        textView1.append(intent.getStringExtra("msg"));
    }
}

```



```

public class MyReceiver extends BroadcastReceiver {
    @Override
    public void onReceive(Context context, Intent intent) {
        String name = intent.getAction();

        if(name.equals("TEST")){
            String msg = intent.getStringExtra("msg");

            // MainActivity로 보내기
            Intent go_intent = new Intent(context, MainActivity.class);
            go_intent.addFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
            Intent.FLAG_ACTIVITY_SINGLE_TOP;
            Intent.FLAG_ACTIVITY_CLEAR_TOP;
            go_intent.putExtra("msg", msg);
            context.startActivity(go_intent);
        }
    }
}

```

```

public class MyService extends Service {
    @Override
    public void onCreate() {
        super.onCreate();
    }

    @Override
    public int onStartCommand(Intent intent, int flags, int startId) {
        String msg = intent.getStringExtra("msg");

        // 리시버에 넘길 인텐트 만들어서 처리 하기
        Intent go_intent = new Intent(getApplicationContext(), MyReceiver.class);
        go_intent.setAction("TEST");
        go_intent.putExtra("msg", msg);

        // 리시버 호출
        sendBroadcast(go_intent);
        return super.onStartCommand(intent, flags, startId);
    }

    @Nullable
    @Override
    public IBinder onBind(Intent intent) {
        return null;
    }
}

```

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
  package="com.ict.ex70_receiver">

  <application
    android:allowBackup="true"
    android:icon="@mipmap/ic_launcher"
    android:label="@string/app_name"
    android:roundIcon="@mipmap/ic_launcher_round"
    android:supportsRtl="true"
    android:theme="@style/AppTheme">
    <activity android:name=".MainActivity">
      <intent-filter>
        <action android:name="android.intent.action.MAIN" />
      </intent-filter>
    </activity>

    <service android:name=".MyService"
      android:enabled="true"
      android:exported="true" />
    <receiver android:name=".MyReceiver"
      android:enabled="true"
      android:exported="true">
      <intent-filter>
        <action android:name="TEST" />
      </intent-filter>
    </receiver>
  </application>
</manifest>
```