

Demo Lab2 – MOB201

HungNQ

Lab21

Name

Name

BROADCAST

Hello World!

```
<EditText
    android:id="@+id/editName"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:inputType="textPersonName"
    android:text="Name"
    tools:layout_editor_absoluteX="8dp"
    tools:layout_editor_absoluteY="4dp" />

<EditText
    android:id="@+id/editClass"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:inputType="textPersonName"
    android:text="Name"
    tools:layout_editor_absoluteX="8dp"
    tools:layout_editor_absoluteY="47dp" />

<Button
    android:id="@+id/btnBroad"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Broadcast"
    tools:layout_editor_absoluteX="16dp"
    tools:layout_editor_absoluteY="108dp" />
</LinearLayout>
```

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="hng.ext.lab21.lab21">
```

```
    <application
```

```
        android:allowBackup="true"
```

```
        android:icon="@mipmap/ic_launcher"
```

```
        android:label="Lab21"
```

```
        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" />
```

```
                <category android:name="android.intent.category.LAUNCHER" />
```

```
            </intent-filter>
```

```
        </activity>
```

```
        <receiver android:name=".MyBroadcastReceiver"
```

```
            android:enabled="true"
```

```
            android:exported="true"></receiver>
```

```
    </application>
```

```
package hng.ext.lab21.lab21;
```

```
import ...
```

```
/**  
 * Created by hungng on 9/15/17.  
 */
```

```
public class MyBroadcastReceiver extends BroadcastReceiver {
```

```
    @Override
```

```
    public void onReceive(Context context, Intent intent) {  
        String intentMessage = intent.getExtras().getString(key: "bm");  
        Toast.makeText(context, intentMessage, Toast.LENGTH_LONG).show();  
    }
```

```
}
```

```
Button btnBroadcast;
EditText txtName,txtClass;

Intent intent;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    //gan

    btnBroadcast = (Button)findViewById(R.id.btnBroad);
    txtName = (EditText)findViewById(R.id.editName);
    txtClass = (EditText)findViewById(R.id.editClass);

    //su kien
    btnBroadcast.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {

            intent = new Intent( packageContext: MainActivity.this,MyBroadcastReceiver.class);

            String str = "BM: Xin chao " + txtName.getText().toString()+" Lop: " + txtClass.getText().toString();

            intent.putExtra( name: "bm",str);

            sendBroadcast(intent);

        }
    });
}
```