1.Create 2 activity from the first the first activity on a button click move to the second activity.

Program

xml

activity\_main.xml

**LinearLayout android:layout\_width="match\_parent" android:layout\_height="match\_parent"**

**android:orientation="vertical"**

**android:gravity="center"**

**xmlns:android="http://schemas.android.com/apk/res/android"**>

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="MOVE TO NEXT ACTIVITY"**

**android:id="@+id/bt"**

**android:onClick="click"**

**android:gravity="center"**/>

</**LinearLayout**>

activity\_main2.xml

<**LinearLayout android:layout\_width="match\_parent" android:layout\_height="match\_parent"**

**android:orientation="vertical"**

**android:gravity="center"**

**android:background="@android:color/holo\_blue\_light"**

**xmlns:android="http://schemas.android.com/apk/res/android"**>

<**TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="WELCOME TO THE SECOND ACTIVITY"**

**android:id="@+id/tv"** />

</**LinearLayout**>

Java

mainActivity.java

**package** com.example.sjcet.cycle2\_1;

**import** android.content.Intent;

**import** android.widget.Button;

**import** android.view.View;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**public class** MainActivity **extends** AppCompatActivity {

Button **bt**;

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**bt** =findViewById(R.id.***bt***);

}

**public void** click(View view) {

OpenNewActivity();

}

**public void** OpenNewActivity()

{

Intent intent=**new** Intent(**this**, Main2Activity.**class**);

startActivity(intent);

}

}

mainActivity2.java

**package** com.example.sjcet.cycle2\_1;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**public class** Main2Activity **extends** AppCompatActivity {

@Override

**protected void** onCreate(Bundle savedInstanceState) {

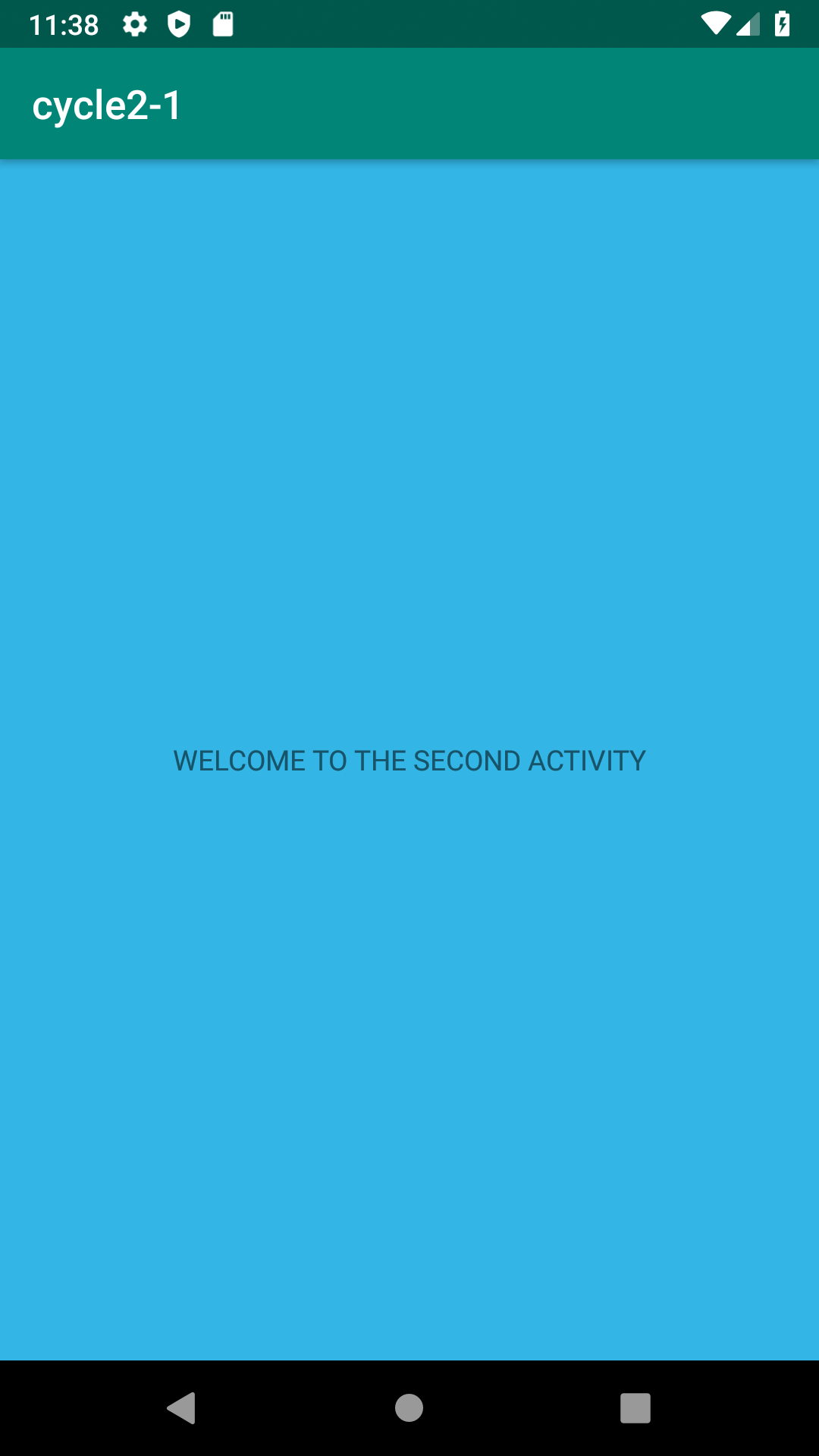
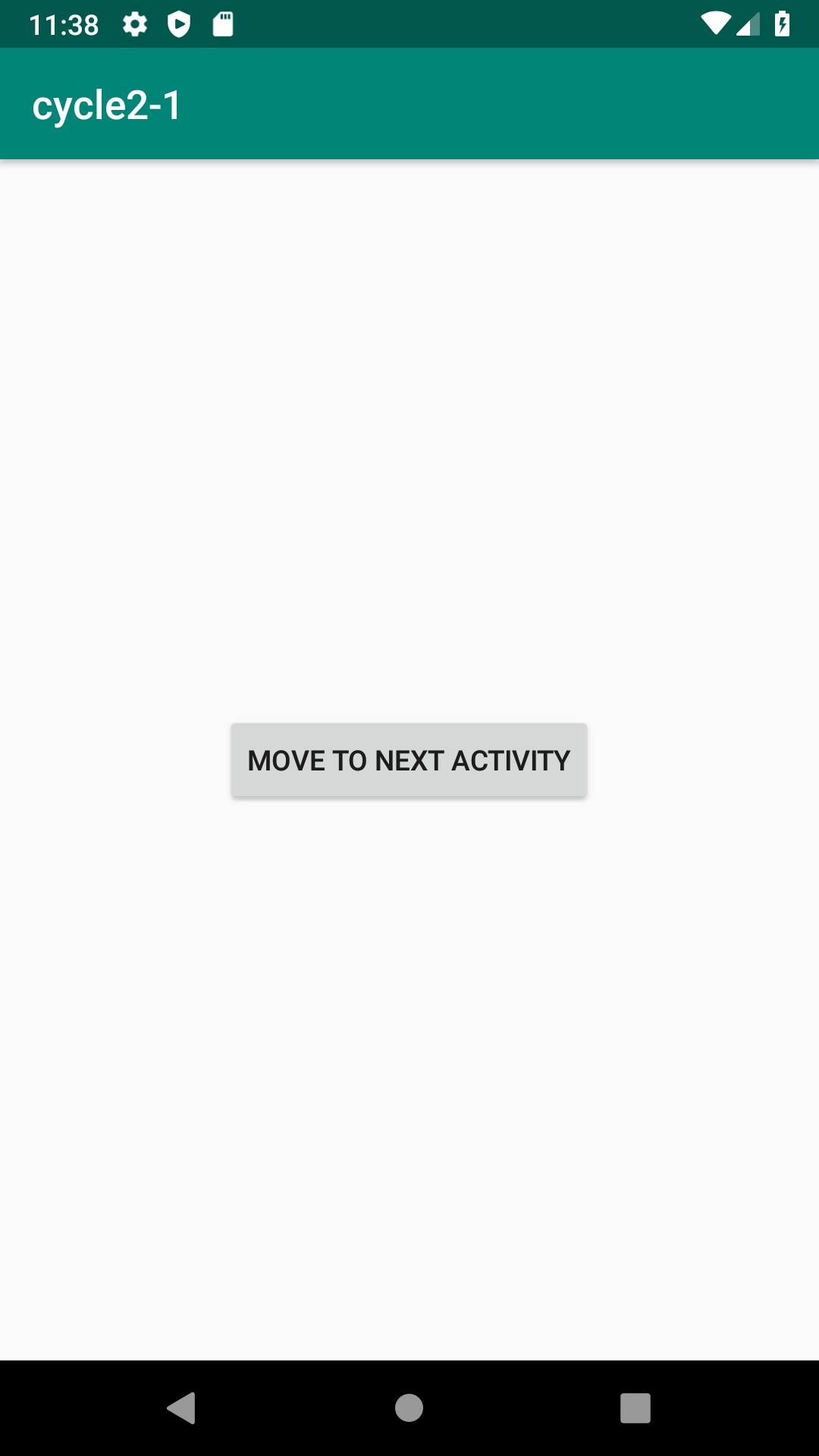
**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main2***);

}

}

Output



3.Read message in first activity and pass it to the second activity to the button click

Program

xml

activity\_main.xml

<**LinearLayout android:layout\_width="match\_parent" android:layout\_height="match\_parent"**

**android:orientation="vertical"**

**xmlns:android="http://schemas.android.com/apk/res/android"**>

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/et"**

**android:textColor="@android:color/holo\_red\_dark"**/>

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="MOVE TO NEXT ACTIVITY"**

**android:id="@+id/bt"**

**android:onClick="click"**

/>

</**LinearLayout**>

activity\_main2.xml

<**LinearLayout android:layout\_width="match\_parent" android:layout\_height="match\_parent"**

**android:orientation="vertical"**

**android:gravity="center"**

**xmlns:android="http://schemas.android.com/apk/res/android"**>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/tv"**

/>

</**LinearLayout**>

Java

mainActivity.java

**package** com.example.sjcet.myapplication;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**public class** MainActivity **extends** AppCompatActivity {

Button **bt**;

EditText **et**;

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**bt** =findViewById(R.id.***bt***);

**et** =findViewById(R.id.***et***);

}

**public void** onClick(View v) {

String str = **et**.getText().toString();

Intent intent = **new** Intent(getApplicationContext(), Main2Activity.**class**);

intent.putExtra(**"message\_key"**, str);

startActivity(intent);

}

}

mainActivity2.java

**package** com.example.sjcet.myapplication;

**import** android.widget.TextView;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**public class** Main2Activity **extends** AppCompatActivity {

TextView **tv**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main2***);

**tv** =findViewById(R.id.***tv***);

Intent intent = getIntent();

String str = intent.getStringExtra(**"message\_key"**);

**tv**.setText(str);

}

}

OUTPUT

