

```
// Global variables
public class Global_Var extends Application {
    |
    int G_var=0;
    public int get_var() {return this.G_var;}
    public void set_var() {this.G_var = this.G_var + 1;
}
}
```

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.andrew_yoong.myapplication11_1" >

    <uses-permission android:name="android.permission.ACCESS_FINE_LOCATION" />

    <application
        android:name=".Global_Var"
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
```

MainActivity.class

```
Intent myIntent= new Intent(this, SecondActivity.class);
int[] arr = {1,2,3};
arr[0]=20;
myIntent.putExtra("my",arr); // link arr to label "my"
startActivityForResult(myIntent,0); // pass the array to another activity
Log.i("arrMain1 ===", "" + arr[0]); // print element 0 of arr
```

```
int i2 = ((Global_Var)application()).G_var;
// access global variable G_var
String i3= Integer.toString(i2);
Log.i("arr_GMain", "" + i3); // print global variable G_var
((Global_Var)application()).set_var();
((Global_Var)application()).set_var();
// increase G_var two times and each time by 1
```

MainActivity.class

```
public class MainActivity extends ActionBarActivity {  
    protected static int j=205;
```

```
    public static void test(int[] temp)  
    {  
        j= j+1;  
        temp[2]=5;  
    }
```

SecondActivity.class

```
public void test_bundle(View view) {  
    Intent myIntent1 = getIntent(); // get the intent  
    Bundle extra = myIntent1.getExtras(); // create reference to Bundle class  
    int[] tmp = extra.getIntArray("my");  
    // access the array being passed from MainActivity.class  
  
    int i1 = ((Global_Var)application()).get_var();  
    // get global variable G_var which has a value 2  
  
    Log.i("arrG_Second", "" + i1); // print global variable G_var  
    Log.i("arrSecond ", "" + tmp[0]); // print element 0 of tmp array
```

```
int[] t_arr = {10,20,30};  
Log.i("arrSecond_test ", "" + t_arr[2]);  
MainActivity.test(t_arr); // call test method in MainActivity.class  
Log.i("arrSecond_test ", "" + t_arr[2]);  
Log.i("arrSecond= J", "" + MainActivity.j);  
// access variable j in MainActivity.class
```