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How to pass an Object from One Activity to another in Android.

Hello all

This is a simple post that shows How to pass an Object from One Activity to another in Android.

I am going to pass the following object from One Activity to another.

```
MyObject{  
    String name;  
    String website;  
}
```

This is the class that defines the Object.

```
package com.coderzheaven.passarraylist;
```

```
import android.os.Parcel;
```

```
import android.os.Parcelable;
```

```
public class MyObject implements Parcelable{
```

```
    String name,website;
```

```
    public MyObject(){
```

```
    }
```

```
    private MyObject(Parcel in){
```

```
        this.name = in.readString();
```

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```
        this.website = in.readString();
    }

    public String getWebsite() {
        return website;
    }

    public void setWebsite(String website) {
        this.website = website;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    @Override
    public int describeContents() {
        return 0;
    }
```

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```
@Override  
public void writeToParcel(Parcel dest, int flags) {  
    dest.writeString(this.name);  
    dest.writeString(this.website);  
}  
  
    public static final MyObject.Creator<MyObject> CREATOR = new  
MyObject.Creator<MyObject>() {  
    public MyObject createFromParcel(Parcel in) {  
        return new MyObject(in);  
    }  
  
    public MyObject[] newArray(int size) {  
        return new MyObject[size];  
    }  
};  
}
```

This is the first activity that sends the object to second activity.

```
package com.coderzheaven.passarraylist;
```

```
import android.app.Activity;
```

```
import android.content.Intent;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

```
import android.view.View.OnClickListener;
```

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```
import android.widget.TextView;

public class MainActivity extends Activity {

    @Override

    public void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        this.setTitle("Main Activity");

        final MyObject myobj = new MyObject();

        myobj.setName("Coderz");

        myobj.setWebsite("CoderzHeaven.com");

        TextView name = (TextView)findViewById(R.id.name);

        name.setText("Name : " + myobj.getName());

        TextView website = (TextView)findViewById(R.id.website);

        website.setText("Website : " + myobj.getWebsite());

        findViewById(R.id.button1).setOnClickListener(new OnClickListener() {

            @Override

            public void onClick(View v) {

                Intent intent = new Intent(MainActivity.this, Second.class);
```

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```
                intent.putExtra("myobject", myobj);
                startActivity(intent);
            }
        });
    }
}
```

This is the second Activity.

```
package com.coderzheaven.passarraylist;

import android.app.Activity;
import android.os.Bundle;
import android.widget.TextView;

public class Second extends Activity {

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.second_activity);
        this.setTitle("Second Activity");

        Bundle b = getIntent().getExtras();
```

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```
if(b!=null){  
    MyObject myobj = (MyObject)getIntent().getExtras().getParcelable("myobject");  
  
    TextView name = (TextView)findViewById(R.id.name);  
    name.setText("Name : " + myobj.getName());  
  
    TextView website = (TextView)findViewById(R.id.website);  
    website.setText("Website : " + myobj.getWebsite());  
}  
}  
}
```

activity_main.xml.

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
    xmlns:tools="http://schemas.android.com/tools"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent" >  
  
    <TextView  
        android:id="@+id/name"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"
```

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```
android:layout_margin="5dp"
```

```
android:textStyle="bold" />
```

```
<TextView
```

```
android:id="@+id/website"
```

```
android:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"
```

```
android:layout_below="@+id/name"
```

```
android:layout_margin="5dp"
```

```
android:textStyle="bold" />
```

```
<Button
```

```
android:id="@+id/button1"
```

```
android:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"
```

```
android:layout_below="@+id/website"
```

```
android:text="Pass Object to Next Activity" />
```

```
</RelativeLayout>
```

second_activity.xml

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
```

```
xmlns:tools="http://schemas.android.com/tools"
```

```
android:layout_width="match_parent"
```

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```
android:layout_height="match_parent" >
```

```
<TextView
```

```
    android:id="@+id/name"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_margin="5dp"
```

```
    android:textStyle="bold" />
```

```
<TextView
```

```
    android:id="@+id/website"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_below="@+id/name"
```

```
    android:layout_margin="5dp"
```

```
    android:textStyle="bold" />
```

```
</RelativeLayout>
```