

**MainActivity.java**

```
package com.example.alertdialog;

import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

import android.content.DialogInterface;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

    TextView txtName, txtAcc, txtBal;
    Button btnName, btnAcc, btnBal;

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

        txtName = (TextView) findViewById(R.id.txtName);
        txtAcc = (TextView) findViewById(R.id.txtAcc);
        txtBal = (TextView) findViewById(R.id.txtBal);

        btnName = (Button) findViewById(R.id.btnName);
        btnAcc = (Button) findViewById(R.id.btnAcc);
        btnBal = (Button) findViewById(R.id.btnBal);

        btnName.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                txtName.setText("Job");
            }
        });

        btnAcc.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                txtAcc.setText("19BCD7154");
            }
        });
    }
}
```

```
}  
});
```

```
// Builder Design Pattern in Java
```

```
btnBal.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View v) {  
  
        AlertDialog.Builder builder = new AlertDialog.Builder(MainActivity.this);  
  
        builder.setMessage("Are you sure?")  
        .setPositiveButton("Ok", new DialogInterface.OnClickListener() {  
            @Override  
            public void onClick(DialogInterface dialog, int which) {  
                txtBal.setText("500");  
            }  
        }).setNegativeButton("Cancel", null);  
  
        AlertDialog alert = builder.create();  
        alert.show();  
  
    }  
});  
  
}
```

```
@Override  
public void onBackPressed()  
{  
    AlertDialog.Builder builder = new AlertDialog.Builder(MainActivity.this);  
  
    builder.setTitle("Really Exit?")  
    .setMessage("Are you sure?")  
    .setPositiveButton("Ok", new DialogInterface.OnClickListener() {  
        @Override  
        public void onClick(DialogInterface dialog, int which) {  
            MainActivity.super.onBackPressed();  
        }  
    }).setNegativeButton("Cancel", null).setCancelable(false);  
}
```

```
AlertDialog alert = builder.create();
alert.show();
}
```

```
}
```

### **activity\_main.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:paddingBottom="16dp"
    android:paddingLeft="16dp"
    android:paddingRight="16dp"
    android:paddingTop="16dp"
    tools:context=".MainActivity">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textAppearance="@style/TextAppearance.AppCompat.Large"
        android:text="Name :"
        android:id="@+id/txtName"
        android:layout_marginBottom="71dp"
        android:layout_above="@+id/btnAcc"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
    />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textAppearance="@style/TextAppearance.AppCompat.Large"
        android:id="@+id/txtAcc"
        android:text="AccNo :"
        android:layout_above="@+id/btnBal"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_marginBottom="86dp"
    />
```

```

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textAppearance="@style/TextAppearance.AppCompat.Large"
    android:text="Balance : "
    android:id="@+id/txtBal"
    android:layout_alignParentBottom="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentStart="true"
    android:layout_marginBottom="140dp"
/>

<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Show"
    android:id="@+id/btnName"
    android:layout_alignBottom="@+id/txtName"
    android:layout_alignParentRight="true"
    android:layout_alignParentEnd="true"
/>

<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Show"
    android:id="@+id/btnAcc"
    android:layout_alignBottom="@+id/txtAcc"
    android:layout_alignLeft="@+id/btnName"
    android:layout_alignStart="@+id/btnName"
/>

<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Show"
    android:id="@+id/btnBal"
    android:layout_alignBottom="@+id/txtBal"
    android:layout_alignParentRight="true"
    android:layout_alignParentEnd="true"
/>
</RelativeLayout>

```

**OUTPUT:**

