```
Question:
```

Create an android application to display Alert Dialog on pressing the Back Button.

## activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
< Relative Layout 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"
  tools:context=".MainActivity">
  <TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Press The Back Button of Your Phone."
    android:textStyle="bold"
    android:textSize="30dp"
    android:gravity="center_horizontal"
    android:layout_marginTop="180dp"/>
</RelativeLayout>
```

## Main\_Activity.java

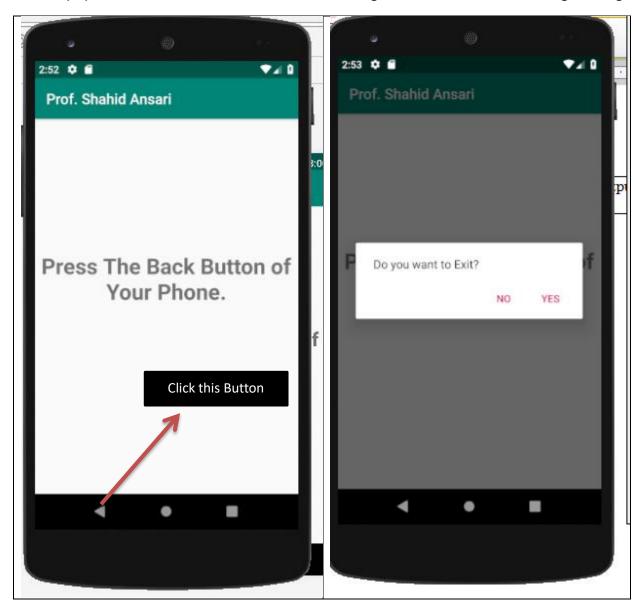
```
package org.maharashtracollege.profshahidansari;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.app.AlertDialog;
import android.content.DialogInterface;
import android.os.Bundle;
import android.app.Activity;
import android.view.Menu;
public class MainActivity extends AppCompatActivity {
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
  @Override
  public void onBackPressed() {
    AlertDialog.Builder builder = new AlertDialog.Builder(this);
```

```
builder.setCancelable(false);
     builder.setMessage("Do you want to Exit?");
     builder.setPositiveButton("Yes", new DialogInterface.OnClickListener() {
       @Override
       public void onClick(DialogInterface dialog, int which) {
         //if user pressed "yes", then he is allowed to exit from application
          finish();
       }
     });
     builder.setNegativeButton("No",new DialogInterface.OnClickListener() {
       @Override
       public void onClick(DialogInterface dialog, int which) {
          //if user select "No", just cancel this dialog and continue with app
          dialog.cancel();
       }
     });
     AlertDialog alert=builder.create();
     alert.show();
  }
}
Output
                                                Output
```

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**Advanced Mobile Programming** 



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