

Question :

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

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"
    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);
```

<pre>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(); } }</pre>	
Output	Output

