

Develop an App to display a ProgressBar and Show a message with AlertDialog.

activity_main.xml

<?xml version="1.0" encoding="utf-8"?>

```
<androidx.constraintlayout.widget.ConstraintLayout 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">
    <ProgressBar
        android:id="@+id/progressBar"
        style="?android:attr/progressBarStyleHorizontal"
        android:layout_width="345dp"
        android:layout_height="32dp"
        android:background="#00838F"
        android:indeterminateOnly="true"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.278" />
    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="Verify"
        android:text="Exit"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.498"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Main_Activity.java

package com.example.lab04;

```
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.Toast;
public class MainActivity extends AppCompatActivity {
    Button btn;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
    public void Verify(View view) {
        AlertDialog.Builder alterbuilder = new AlertDialog.Builder(this);
        alterbuilder.setTitle("confirm");
        alterbuilder.setMessage("Do you want to exit?");
        alterbuilder.setIcon(R.drawable.img);
        alterbuilder.setPositiveButton("yes", new DialogInterface.OnClickListener() {
```

```

        @Override
        public void onClick(DialogInterface dialog, int which) {
            finish();
        }
    });
    alterbuilder.setNegativeButton("no", new DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialog, int which) {
            Toast.makeText(MainActivity.this, "Welcome back", Toast.LENGTH_SHORT).show();
        }
    });
    alterbuilder.setNeutralButton("Cancel", new DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialog, int which) {
            Toast.makeText(getApplicationContext(), "exit", Toast.LENGTH_SHORT).show();
        }
    });
    AlertDialog al = alterbuilder.create();
    al.show();
}
}

```

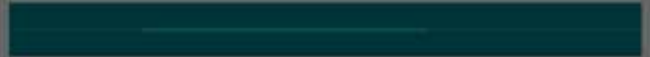
Output:-

Lab04



EXIT

Lab04



● *confirm*

Do you want to exit?

CANCEL

NO

YES

