4.Develop an app to display a Progress Bar and show a message with Alert Dialog.

# 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" android:onClick="verify" tools:context=".MainActivity">

<ProgressBar android:id="@+id/progressBar"

style="?android:attr/progressBarStyleHorizontal" android:layout\_width="366dp" android:layout\_height="75dp" android:background="#BAECE7" 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="0.221" />

<Button

android:id="@+id/button" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:onClick="verify" android:text="Button"

app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

# MainActivity.java:-

package com.durgesh.program\_4;

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.Toast;

public class MainActivity extends AppCompatActivity { @Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState); setContentView(R.layout.*activity\_main*);

}

public void verify(View view)

{

AlertDialog.Builder alertBuilder=new AlertDialog.Builder(this); alertBuilder.setTitle("You want to Exit"); alertBuilder.setMessage("Do you want to Exit??"); alertBuilder.setIcon(R.drawable.*img*);

alertBuilder.setPositiveButton("Yes", new DialogInterface.OnClickListener() { @Override

public void onClick(DialogInterface dialogInterface, int i) { finish();

}

});

alertBuilder.setNegativeButton("No", new DialogInterface.OnClickListener() { @Override

public void onClick(DialogInterface dialogInterface, int i) { Toast.*makeText*(MainActivity.this, "Welcome Back",

Toast.*LENGTH\_SHORT*).show();

}

});

alertBuilder.setNeutralButton("Cancel", new DialogInterface.OnClickListener() { @Override

public void onClick(DialogInterface dialogInterface, int i) { Toast.*makeText*(MainActivity.this, "Welcome", Toast.*LENGTH\_SHORT*).show();

}

});

AlertDialog al=alertBuilder.create(); al.show();

}

}

 