**Practical no.-**13

**Title:** Develop a program to implement ProgressBar.

**Roll No.:**15 **Batch-** A **Date of Performance:** 22/02/2024

**activity\_main.xml**

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

<LinearLayout 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:gravity="center"

tools:context=".MainActivity">

<Button

android:id="@+id/btn"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="DOWNLOADING FILE"/>

</LinearLayout>

**MainActivity.java**

package com.example.progressbarho;

import androidx.appcompat.app.AppCompatActivity;

import android.app.\*;

import android.os.\*;

import android.view.\*;

import android.widget.\*;

import java.util.\*;

public class MainActivity extends AppCompatActivity {

Button btn;

int i=0;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

btn=(Button) findViewById(R.id.btn);

btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ProgressDialog pd= new ProgressDialog(MainActivity.this);

pd.setTitle("Downloading");

pd.setMessage("Xender APK is Downloading");

pd.setIndeterminate(false);

pd.setMax(100);

pd.setProgressStyle(ProgressDialog.STYLE\_HORIZONTAL);

pd.show();

Timer td=new Timer();

TimerTask ts=new TimerTask() {

@Override

public void run() {

++i;

pd.setProgress(i);

if(i>=100) {

td.cancel();

}

}

};

td.schedule(ts,0,100);

}

});



}

}