Date: 02-02-2022

**Q. Alert and popup**

**MainActivity.java**

package com.example.alertandpopup;

import androidx.appcompat.app.AlertDialog;

import androidx.appcompat.app.AppCompatActivity;

import android.content.DialogInterface;

import android.os.Bundle;

import android.text.Editable;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

AlertDialog.Builder builder;

AlertDialog alertDialog;

Button b;

TextView t;

@Override

public boolean onCreateOptionsMenu(Menu m1){

getMenuInflater().inflate(R.menu.menu, m1);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item){

switch (item.getItemId()){

case R.id.item1:

builder=new AlertDialog.Builder(MainActivity.this);

builder.setMessage("Do you want to close?").setTitle("AlertDialog").setPositiveButton("Ok", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialog, int which) {

finish();

}

}).setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialog, int which) {

dialog.dismiss();

}

});

alertDialog=builder.create();

alertDialog.show();

return true;

case R.id.item2:

builder=new AlertDialog.Builder(MainActivity.this);

View popupView= getLayoutInflater().inflate(R.layout.popup,null);

builder.setView(popupView);

alertDialog=builder.create();

alertDialog.show();

// Toast.makeText(getApplicationContext(),"Help",Toast.LENGTH\_SHORT).show();

return true;

default:

return super.onOptionsItemSelected(item);

}

}

}

**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">

<TextView

android:id="@+id/textView"

android:layout\_width="409dp"

android:layout\_height="70dp"

android:text="AlertDialogue and Popup Example"

android:textSize="20dp"

android:textStyle="bold"

android:textAlignment="center"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.5"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

**menu.xml**

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

<menu xmlns:android="http://schemas.android.com/apk/res/android">

<item

android:id="@+id/item1"

android:title="Alert"

/>

<item

android:id="@+id/item2"

android:title="popup" />

</menu>

**popup.xml**

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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Mickey"

android:textSize="25dp"

android:textStyle="bold" />

<ImageView

android:id="@+id/imageView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:src="@drawable/mickey" />

</LinearLayout>

**Output**

 

 