1. When buuton clicked the button gets disabled and text in buuton changes

Public void diaabled(view v){

v.setenabled(false);

Button button=(Button) v;

button.setText(“Disabled”);

}

1. Etxt to another text box when button clicked.

Public void handletext(view v){

Textview t=findviewbyid(r.id.source);

String input=t.getText().tostring();

((Text view)findviewbyid(r.id.output)).settext(input);

3.Toast

Toast.mketext(context:MainActivity.this, resid:”Text”,Toasr.lenght\_short).show();

1. Listview

String items[]=new string[] {“a”,”b”,”c”};

Listview listview=(Listview)findviewbyid(r.id.listview);

Arrayasapter<string>adapted=new arrayadapeter<string>(this,android.r.layout.simple\_list\_items1,items);

Listview.setadapter(adapter);

Listview.setonclicklistenr(new adaptet.viw.onItemClickListener(

Generated

Public(

Toast.maketest(context:MainActivity.this,items[positions],Toast.lenth\_short).show();

}

4,array

List<string>list=new Array List<>();

5.Intent

Listview.setonclicklistenr(new Adapter.OnItemclickListen(){

Generated

Public(

If(position==0

StartActivity(new Intent(MainActivity.this,Appleactivity.class);

Another way

Intent intent=new Intent(MainActivity.this,secondActivity.class)

startActivity(intnent);

(put this in onclicklistenr);

5.checkbox

Checkbox checkbox=findviewbyid(r.id.checkbox);

Boolean ischecked=checkbox.ischecked();

If(ischwcked)

Helloworld.setvisibility(view.visible);

Else

Helloworld.setvis…(view.invisible);

6.Radio buuton

<Radio group

<Radio button;

7.Alert Dialog

IN BUUTON PUT ONCLICK=”SHOWALERTDIALOG”;

public void showAlertDialog (View v) {

AlertDialog.Builder alert = new AlertDialog.Builder(context: this);

alert.setTitle("Android Studio");

alert.setMessage ("Do you love Android?");

alert.setPositiveButton( text: "Yes", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

Toast.makeText( context: MainActivity.this, text: "Good job! :)", Toast.LENGTH\_SHORT).show(): }

I

});

alert.setNegativeButton( text: "No", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

Toast.makeText( context: MainActivity.this, text: "Too bad, cuz it's awesome! :)", Toast.LENGTH\_SH

}

});

alert.create().show():

8.NOTIFICATIONB

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

NotificationCompat.Builder mbuilder = (NotificationCompat.Builder)

new NotificationCompat.Builder(getApplicationContext())

.setSmallIcon(R.drawable.icon,10)

.setSound(notificationsound)

.setVibrate(vibe)

.setContentTitle("Notification")

.setContentText("This is a notification for you");

NotificationManager notificationManager = (NotificationManager)

getSystemService(NOTIFICATION\_SERVICE);

notificationManager.notify(0,mbuilder.build());

}

});

9.spinner

public class MainActivity extends AppCompatActivity {

Spinner spinner;

String[] country = {"India", "USA", "Japan", "Singapore", "China", "Other"};

@Override

protected void onCreate(Bundle savedInstanceState) {

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

spinner findViewById(R.id.spiiner); =

ArrayAdapter<String> adapter=new ArrayAdapter<String>( context: MainActivity.this, android.R.layout.simple\_spinner\_item, country), adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item); spinner.setAdapter(adapter);

spinner.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {

@Override

public void onItemSelected (AdapterView<?> parent, View view, int position, long id) { String value=parent.getItemAtPosition(position).toString(); Toast.makeText( context MainActivity.this, value, Toast.LENGTH\_SHORT).show();

@Override

public void onNothingSelected(AdapterView<?> parent) {

app

});

IMAGE VIEW

public class MainActivity extends AppCompatActivity(

private static String LOS TAG "IlgmentsPracticnton";

Override protected void onCreate(Bundle savedInstanceState)(

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

BUTTON

3x

Button button =(Button) findviesby (.button); button.setOnClickListener((y)-(

Imageview Ingview (ImageView) findViewById(R.id.view) IngView.setBackgroundResource(R.drawable.flmer);

Log.i(100 d, "button is living pressed use"},

TIME AND DATA PICKER

[13:14, 28/02/2023] Rakesh: @Override

button.setOnClickListener(new View.OnClickListener() { public void onClick(View view) {

openDialog();

}

private void openDialog(){

OnTimeSetListener

TimePickerDialog dialog = new TimePickerDialog( context: this, R.style.DialogTheme, new TimePickerDialog.OnTimeSetListener()

@Override

public void onTimeSet (TimePicker timePicker, int hours, int minutes) {

text.setText(String.valueOf(hours)+":"+String.valueOf(minutes));

),

Og Problems

cceeded 4 minutes.sook

15, tee, 24HourView: true);

[13:15, 28/02/2023] Rakesh: text findViewById(R.id.showText);

button findViewById(R.id.button);

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

openDialog();

}

private void openDialog(){

DatePickerDialog dialog = new DatePickerDialog( context: this, new DatePickerDialog.OnDateSetListener() { @Override

public void onDateSet(DatePicker datePicker, int year, int month, int day) {

text.setText(String.valueOf(year)+":"+String.valueOf(month)+" "+String.valuedy (day));

}, year 2022, month B, dayofblonth: 15);

RADIOBUTTON

class MainActivity extends AppCompatActivity {

vac RadioGroup radioGroup;

erride

tected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

switch (checkedButtonId) {

case R.id.ro option:

break;

radioGroup= findViewById(R.id.radio\_group); radioGroup.setOnCheckedChangeListener(new RadioGroup. OnCheckedChangeListener() { @Override public void onCheckedChanged (RadioGroup radioGroup, int checkedButtonId) { Toast.makeText(context: MainActivity.this, text: "Option A is selected", Toast.LENGTH\_SHORT).show(); case R.id.b option b: Toast.makeText( context: MainActivity.this, tekt: "Option 8 is selected", Toast.LENGTH\_SHORT).show(); break;

Toggle buuton

textView3.setText ("Bluetooth Button is Unchecked")

@Override

toggleButton2.setOnCheckedChangeListener(new CompoundButton.OnCheckedChangeListe public void onCheckedChanged (CompoundButton compoundButton, boolean b)

if (toggleButton2.isChecked())

textView4.setText("WiFi

Button is Checked");

else

textView4.setText("WiFi

Button is Unchecked");

PROGRESS BAR

public class MainActivity extends AppCompatActivity (

ProgressBar pb; int counter = 0;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

prog ();

public void prog ()

pb (zogzon Bar) findViewById(R.id.pb);

final Timex t = new Timer(); TimerTask tt new TimerTask() {

public void run()

counter++;

pb.setProgress (counter);

if (counter == 100)

t.cancel();

t.schedule (tt, delay: 0, period: 100);

INTNET PASSING DATA

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"

tools:context=".MainActivity"

android:orientation="vertical"

android:padding="10dp"

android:gravity="center">

<EditText

android:id="@+id/nameEt"

android:hint="Enter Name"

android:inputType="text"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content" />

<EditText

android:id="@+id/emailEt"

android:hint="Enter Email"

android:inputType="textEmailAddress"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content" />

<EditText

android:id="@+id/phoneEt"

android:hint="Enter Phone"

android:inputType="phone"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content" />

<Button

android:id="@+id/saveBtn"

android:text="Save"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content" />

</LinearLayout>

MainActivity.java

**package** com.blogspot.devofandroid.myapplication;

**import** **android.content.Intent**;

**import** **android.support.v7.app.ActionBar**;

**import** **android.support.v7.app.AppCompatActivity**;

**import** **android.os.Bundle**;

**import** **android.view.View**;

**import** **android.widget.Button**;

**import** **android.widget.EditText**;

**public** **class** **MainActivity** **extends** AppCompatActivity {

**@Override**

**protected** **void** **onCreate**(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

//actionbar title

ActionBar actionBar = getSupportActionBar();

actionBar.setTitle("First Activity");

//EditText

**final** EditText mNameEt = findViewById(R.id.nameEt);

**final** EditText mEmailEt = findViewById(R.id.emailEt);

**final** EditText mPhoneEt = findViewById(R.id.phoneEt);

//Button

Button mSaveBtn = findViewById(R.id.saveBtn);

//button click listener

mSaveBtn.setOnClickListener(**new** View.OnClickListener() {

**@Override**

**public** **void** **onClick**(View view) {

//get data from edit text

String name = mNameEt.getText().toString();

String email = mEmailEt.getText().toString();

String phone = mPhoneEt.getText().toString();

//activity intent

Intent intent = **new** Intent(MainActivity.this, SecondActivity.class);

intent.putExtra("NAME", name);

intent.putExtra("EMAIL", email);

intent.putExtra("PHONE", phone);

startActivity(intent);

}

});

}

}

acitivty\_second.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:orientation="vertical"

android:gravity="center"

android:padding="10dp"

tools:context=".SecondActivity">

<TextView

android:id="@+id/resultTv"

android:textSize="30sp"

android:textStyle="bold"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content" />

</LinearLayout>

SecondActivity.java

**package** com.blogspot.devofandroid.myapplication;

**import** **android.content.Intent**;

**import** **android.support.v7.app.ActionBar**;

**import** **android.support.v7.app.AppCompatActivity**;

**import** **android.os.Bundle**;

**import** **android.widget.TextView**;

**public** **class** **SecondActivity** **extends** AppCompatActivity {

**@Override**

**protected** **void** **onCreate**(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.activity\_second);

//actionbar title

ActionBar actionBar = getSupportActionBar();

actionBar.setTitle("Second Activity");

//intent to get data

Intent intent = getIntent();

String name = intent.getStringExtra("NAME");

String email = intent.getStringExtra("EMAIL");

String phone = intent.getStringExtra("PHONE");

//TextView

TextView mResultTv = findViewById(R.id.resultTv);

//setText

mResultTv.setText("Name: "+name+"\nEmail: "+email+ "\nPhone: "+phone);

}

}

Calc

public void Multiply (View v) {

EditText et1 = (EditText)findViewById(R.id.editTextNumber); EditText et2 = (EditText)findViewById(R.id.editTextNumber2);

EditText et3 = (EditText)findViewById(R.id.editTextNumber3);

int n1 = Integer.parseInt(et1.getText().toString()); int n2 Integer.parseInt(et2.getText().toString()); =

int result = n1+h2;

et3.setText("Total Value + result);

LD 9:097 12:37

Profiler.

}