**Slip14**

**Q1. Create simple application which shows life cycle of Activity.(use log)**

**Java file**

**package** com.example.tybca;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.util.Log;

**import** android.os.Bundle;

**import** android.widget.Toast;

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

String **tag**=**"Events"**;

@Override

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

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

Log.*d*(**tag**,**"in on create event"**);

*//Displaying Toast with Hello Javatpoint message*

Toast.*makeText*(getApplicationContext(),**"Hello TYBCA**

**Student"**,Toast.***LENGTH\_SHORT***).show();

}

@Override

**public void** onStart() {

**super**.onStart();

Log.*d*(**tag**,**"in on start event"**);

}

@Override

**public void** onStop() {

**super**.onStop();

Log.*d*(**tag**,**"in on stop event"**);

}

@Override

**protected void** onResume() {

**super**.onResume();

Log.*d*(**tag**,**"in on resume event"**);

}

@Override

**public void** onPause() {

**super**.onPause();

Log.*d*(**tag**,**"in on pause event"**);

}

@Override

**protected void** onDestroy() {

**super**.onDestroy();

Log.*d*(**tag**,**"in on Destroy event"**);

}

}

**Q2 Create An android aaplication to send email**

***Xml file***

*<?*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:padding="10dp"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="To:"  
 android:textAppearance="@style/TextAppearance.AppCompat.Large"/>  
 <EditText  
 android:id="@+id/edit\_text\_to"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="textEmailAddress"/>  
  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Subject:"  
 android:textAppearance="@style/TextAppearance.AppCompat.Large"/>  
 <EditText  
 android:id="@+id/edit\_text\_subject"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="textEmailSubject"/>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Message"  
 android:textAppearance="@style/TextAppearance.AppCompat.Large"/>  
 <EditText  
 android:id="@+id/edit\_text\_message"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:lines="10"  
 android:gravity="start|top"/>  
  
 <Button  
 android:id="@+id/button\_send"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="send"/>  
  
  
  
  
</LinearLayout>

**Java file**

package com.example.emailsendapplication;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.net.Uri;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class MainActivity extends AppCompatActivity {  
 private EditText mEditTextTo;  
 private EditText mEditTextSubject;  
  
 private EditText mEditTextMessage;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 mEditTextTo=findViewById(R.id.*edit\_text\_to*);  
 mEditTextSubject=findViewById(R.id.*edit\_text\_subject*);  
 mEditTextMessage=findViewById(R.id.*edit\_text\_message*);  
  
 Button buttonSend = findViewById(R.id.*button\_send*);  
  
 buttonSend.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
  
 sendMail();  
  
 }  
 });  
  
 }  
 private void sendMail(){  
 String recipientList=mEditTextTo.getText().toString();  
 String[] recipients =recipientList.split(",");  
 *//example@gmail.com, example2@gmail.com* String subject =mEditTextSubject.getText().toString();  
 String message =mEditTextMessage.getText().toString();  
  
 *//here now important part start here* Intent intent =new Intent(Intent.*ACTION\_SEND*);  
 intent.putExtra(Intent.*EXTRA\_EMAIL*,recipients);  
 intent.putExtra(Intent.*EXTRA\_SUBJECT*,subject);  
 intent.putExtra(Intent.*EXTRA\_TEXT*,message);  
 *//here email client* intent.setType("message/rfc822");  
 startActivity(Intent.*createChooser*(intent,"Choose an email client"));  
  
 *//this below part for attachment  
  
 // Uri attachmentUri = Uri.parse("file:///storage/emulated/0/Download/myfile.pdf");  
 // intent.putExtra(Intent.EXTRA\_STREAM, attachmentUri);  
  
 //startActivity(Intent.createChooser(intent, "Send email..."));* }  
}