

Name-archana

Course -B.sc(it)

Roll no-1922011

Father name-Mr.Bharat singh rawat

Course -Mobile development

XML FILE CODING:

```
<?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="156dp"
```

```
    android:layout_height="78dp"
```

```
    android:text="Archana_1922011""
```

```
    android:textColor="#03A9F4"
```

```
    android:textSize="25dp"
```

```
    android:textStyle="bold"
```

```
    app:layout_constraintBottom_toBottomOf="parent"
```

```
    app:layout_constraintEnd_toEndOf="parent"
```

```
    app:layout_constraintHorizontal_bias="0.266"
```

```
    app:layout_constraintStart_toStartOf="parent"
```

```
    app:layout_constraintTop_toTopOf="parent"
```

```
    app:layout_constraintVertical_bias="0.248" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

JAVA SOURCE CODE:

```
package com.example.a26sep05;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.os.Bundle;
```

```
import android.util.Log;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    public static final String status = MainActivity.class.getSimpleName();
```

```
    @Override
```

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

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        Log.i(status, "In method onCreate");
```

```
    }
```

```
    @Override
```

```
protected void onStart() {  
    super.onStart();  
    Log.i(status, "In method onStart");  
}
```

@Override

```
protected void onResume() {  
    super.onResume();  
    Log.i(status, "In method onResume");  
}
```

@Override

```
protected void onPause() {  
    super.onPause();  
    Log.i(status, "In method onPause");  
}
```

@Override

```
protected void onStop() {  
    super.onStop();  
    Log.i(status, "In method onStop");  
}
```

@Override

```
protected void onDestroy() {  
    super.onDestroy();  
    Log.i(status, "In method onDestroy");  
}
```

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Please tick (✓) your campus: (DEHRADUN/BHIMTAL/HALDWANI)

Name: Archana Univ. Roll No. 1822011 Student ID
Date: Course: Branch: Sem.: Section:
Subject Name: Subject Code: Page No.

XML file code

Answer 2 ⇒ activity life cycle using logcat

```
<?xml version="1.0"
```

```
encoding="utf-8" ?>
```

```
<androidx.constraintlayout.widget.Co
```

```
nstraintlayout 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/textview"
```

```
android:layout_width="156dp"
```

```
android:layout_height="78dp"
```

```
android:text="am Archana1922011"
```

Signature of Student

android:text colour = "#03A9F4"

" " size = "25dp"

" " style = "bold"

app:layout_constraintBottom_toBottomOf = "parent"

" " " end to end of = "parent"

" " " Horizontal_base = "0.266"

app:layout_constraintStart_toStartOf =
"parent"

" " " top to top of = "parent"

" " " Vertical_base = "0.241"

< /androidx.constraintlayout.widget.ConstraintLayout

>

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Please tick (✓) your campus: (DEHRADUN/BHIMTAL/HALDWANI)
Name: A. Chane Univ. Roll No. 9.22.011 Student ID.....
Date: Course: Branch: Sem.: Section:
Subject Name: Subject Code: Page No.

Java code

Package com.example . a2bsep1oct

import androidx.appcompat.app.AppCompatActivity

import androidx.appcompat.app.AppCompatActivity

import androidx.appcompat.app.AppCompatActivity

public class MainActivity extends AppCompatActivity

{

public static final String status =
MainActivity.class.getSimpleName();
(@ override)

protected void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);

Signature of Student

log.i (status, "in method on create")

}

① override

protected void onStart() {

super.onStart();

log.i (status, "in method on start")

}

② override

protected void onStop() {

super.onStop();

log.i (status, "in method on stop");

}

③ override

protected void onDestroy() {

super.onDestroy();

log.i (status, "in method on destroy");

}

}

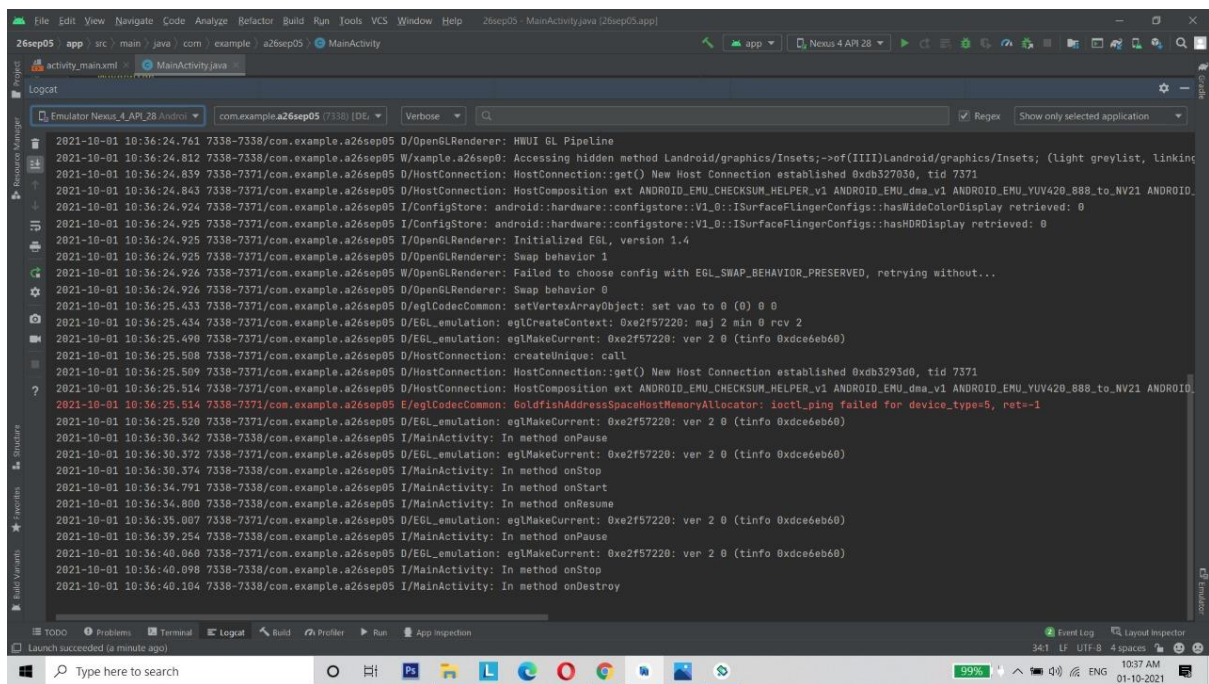
10:46 AM | 12.9KB/s



26sep05

Archana
1922011





Answer 1-

activity_main.xml

```
<?xml version="1.0" encoding="UTF-8"?><LinearLayout
tools:context=".MainActivity" android:layout_height="match_parent"
android:orientation="vertical" android:layout_width="match_parent"
xmlns:tools="http://schemas.android.com/tools"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:android="http://schemas.android.com/apk/res/android"><EditText
android:layout_height="wrap_content" android:layout_width="match_parent"
android:gravity="center" android:hint="enter url"
android:layout_marginTop="100dp" android:id="@+id/text"/><Button
android:layout_height="wrap_content" android:layout_width="match_parent"
android:id="@+id/btn1" android:text="submit"/><Button
android:layout_height="wrap_content" android:layout_width="match_parent"
android:layout_marginTop="100dp" android:id="@+id/btn2" android:text="go
to activity two"/></LinearLayout>
```

activity_main2.xml

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
-<LinearLayout tools:context=".MainActivity2" android:orientation="vertical"
android:layout_height="match_parent" android:layout_width="match_parent"
xmlns:tools="http://schemas.android.com/tools"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:android="http://schemas.android.com/apk/res/android">
```

```
<TextView android:layout_height="wrap_content"
android:layout_width="match_parent" android:text="This is activity two"
android:gravity="center" android:layout_marginTop="200dp"/>
```

</LinearLayout>

MainActivity.java

```
package com.example.implicit_explicit;

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 {

    EditText text;

    Button btn1;

    Button btn2;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);
```

```

text=findViewById(R.id.text);

btn1=findViewById(R.id.btn1);

btn2=findViewById(R.id.btn2);


btn1.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View view) {

        String url=text.getText().toString();

        Uri uri=Uri.parse(url);

        Intent intent=new Intent(Intent.ACTION_VIEW, uri);

        startActivity(intent);

    }

});


btn2.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View view) {

        Intent intent = new
Intent(MainActivity.this,com.example.implicit_explicit.MainActivity2.class);

        startActivity(intent);

    }

});

}

}

```

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Please tick (✓) your campus: (DEHRADUN/BHIMTAL/HALDWANI)

Name: Univ. Roll No. Student ID
Date: Course: Branch: Sem.: Section:
Subject Name: Subject Code: Page No.

Ans 1 ⇒ Implicit • Explicit Intent
xx xx

activity main.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical" android:layout_width="match_parent"
    android:layout_height="wrap_content">
```

```
    <Button
        android:id="@+id/text1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Enter text" />
```

```
    <Button
        android:id="@+id/text2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Enter text" />
```

```
    <Button
        android:id="@+id/text3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Enter text" />
```

```
    <Button
        android:id="@+id/text4"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Enter text" />
```

```
    <Button
        android:id="@+id/text5"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Enter text" />
```

```
    <Button
        android:id="@+id/text6"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Enter text" />
```

Signature of Student

android:layout height = "wrap content"
 android:layout width = "match parent"
 android:layout height = "wrap content"
 android:layout width = "match parent"
 android:layout margin Top = "100dp"
 android:id = "@+id/tbth 2" android:gravity="center"
 to activity two " / > < linear layout >

activity - main 2.xml

<?xml version = "1.0" encoding = "UTF-8"
 < LinearLayout xmlns:android = "http://schemas.android.com/apk/res/android" context = "MainActivity2"
 android:layout = "match parent" android:layout width = "match parent"
 xmlns:app = "http://schemas.android.com/apk/res-auto"

protected on class
③
XmInS : tools = "http://schemas.android.
com/tools"

XmInS : android = "http://schemas.com/
apk/res/android">

< TextView android:layout height =
"wrap content"

android:layout width = match parent

" android:text = "This is activity two"

android:gravity = "center" android:layout

margin Top = "200 dp"/>

</ linear layout>

Main Activity . java

package com . example . implicit explicit

Import androidx.appcompat.app
Compat Activity;

Import android.content.Intent;

" " . host . uri

" " . os Bundle

" " view . view ;

" " widget Button ;

" " android edit Text

Public class main Activity extends AppCompatActivity

Activity

{

EditText text ;

Button btn ;

" " 2 ;

(a) Override