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Class = BCA - 5A

Roll No. : 1921180 (61)
Subject : Mobile App Development

(1)

Ans 2 :

TASK - Create a program for the activity life cycle.

activity-main.xml -

```
<?xml version="1.0" encoding="utf-8"?>
<android.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:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Hello World"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintLeft_toLeftOf="parent"
app:layout_constraintRight_toRightOf="parent"
app:layout_constraintTop_toTopOf="parent" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

(Simran.)

MainActivity.java —

(2)

```
package com.activitylifecycle;  
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");  
    }
```

(Simran.)

@Override

```
protected void onStop() {
```

```
    super.onStop();
```

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

```
}
```

@Override

```
protected void onDestroy() {
```

```
    super.onDestroy();
```

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

```
}
```

```
}
```

LogCatcom.activitylifecycle

2021-09-02 12:31:42.065 26130-26130/com.activitylifecycle/

MainActivity : In method onCreate

2021-09-02 12:31:42.070 26130-26130/com.activitylifecycle/

MainActivity : In method onStart

2021-09-02 12:31:42.080 26130-26130/com.activitylifecycle/

MainActivity : In method onResume

2021-09-02 12:31:42.118 26130-26130/com.activitylifecycle D/

OpenGLRenderer: HWUI GL Pipeline

2021-09-02 12:31:42.148 26130-26130/com.activitymainlifecycle I/

TouchMotionHandler : handler on Attached

2021-09-02 12:31:42.148 26130-26130/com.activitylifecycle I/

Adreno : QUALCOMM

build : 99230b5, 119c5914ec0

Build Date : 12/03/18

(Amoran)

OpenGL ES Shader Compiler Version: EV031.22.00.01-06-07

Local Branch:

Remote Branch:

Remote Branch:

Reconstruct Branch:

(4)

2021-09-02 12:31:42.211 26130-26166/com.activitylifecycle/

Adreno: PFP: 0x005ff087, ME: 0x005ff063

2021-09-02 12:31:42.215 26130-26166/com.activitylifecycle I/

zygote64: android::hardware::configstore::V1_0::ISurface

FligerConfigs::hasWideColorDisplay retrieved: 0

2021-10-01 12:31:42.216 26130-26166/com.activitylifecycle I/

OpenGLRenderer: Initialized EGL, version 1.4

2021-10-01 12:31:42.216 26130-26166/com.activitylifecycle D/

OpenGLRenderer: Swap Behavior 2

2021-10-01 12:31:42.216 26130-26166/com.activitylifecycle I/

MainActivity: In method onPause

2021-10-01 12:32:06.365 26130-26130/com.activitylifecycle I/

MainActivity: In method onStop

2021-10-01 12:33:07.301 26130-26130/com.activitylifecycle I/

MainActivity: In method onStart

2021-10-01 12:33:08.585 26130-26166/com.activitylifecycle I/

Adreno: QUALCOMM build: 99230b5, 119c5914ec0

Build Date: 12/03/18

OpenGL ES Shader Compiler Version: EV031.22.00.01-06-07

Local Branch:

Remote Branch:

Reconstruct Branch:

(Simran)

2021-10-01 12:32:13.660 26130-26166/com.activitylifecycle I/

Adreno : PFP : 0x005ff087, ME : 0x005ff063

2021-10-01 12:32:13.662 26130-26166/com.activitylifecycle I/

zygote64: android :: hardware :: configstore :: V1-D ::

ISurfaceFlingerConfigs :: hasWideColorDisplay retrieved: 0

2021-10-01 12:32:13.670 26130-26166/com.activitylifecycle I/

OpenGLReader : Initialized EGL, version 1.4

2021-10-01 12:32:13.670 26130-26166/com.activitylifecycle I/

Swap behaviour 2

2021-10-01 12:32:16.400 26130-26130/com.activitylifecycle I/

MainActivity : In method onPause

2021-10-01 12:32:16.400 26130-26130/com.activitylifecycle I/

MainActivity : In method onStop

2021-10-01 12:32:16.401 26130-26130/com.activitylifecycle I/

MainActivity : In method onDestroy

2021-10-01 12:32:16.406 26130-26130/com.activitylifecycle I/

TouchMotionHandler : handler onDetached

(Simran)