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COURSE :- BCA - 5<sup>th</sup> A

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Q2.

Activity Main

```
<?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:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"
```

```
android:text="Hello World!"
```

```
android:textSize="24sp"
```

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

(2)

```
app:layout_constraintBottom_toBottomOf = "parent"
app:layout_constraintLeft_toLeftOf = "parent"
app:layout_constraintRight_toRightOf = "parent"
app:layout_constraintTop_toTopOf = "parent" />
```

```
</android.support.design.widget.ConstraintLayout>
```

Main Activity

```
package com.example.act-activitycycle;
```

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

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

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

```
public class MainActivity extends AppCompatActivity
```

```
{
```

```
    public static final String
```

```
    static final String
```

```
Status = MainActivity.class.getCanonicalName();
```

```
@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 start");
```

```
}
```

```
@Override
```

```
protected void onResume()
```

```
{
```

```
    super.onResume();
```

```
    Log.i(Status, "In method Resume");
```

```
}
```

```
@Override
```

```
protected void onPause()
```

```
{
```

```
    super.onPause();
```

```
    Log.i(Status, "In method Resume Pause");
```

```
}
```

(4)

@Override

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

@Override

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

```
Landroid/graphics/Rect:}Z (greylist, reflection, allowed)
2021-09-07 18:03:42.033 4494-4494/com.example.lifecycle W/ample.lifecycle: Accessing hidden method Landroid/view/ViewGroup;~>makeOptionalFitsSystemWindows()V (greylist, reflection, allowed)
2021-09-07 18:03:42.844 4494-4494/com.example.lifecycle I/MainActivity: In Method onCreate
2021-09-07 18:03:42.846 4494-4494/com.example.lifecycle I/MainActivity: In Method onStart
2021-09-07 18:03:42.847 4494-4494/com.example.lifecycle I/MainActivity: In Method onResume
2021-09-07 18:03:42.901 4494-4516/com.example.lifecycle D/HostConnection: HostConnection::get() New Host Connection established 0xb4000071a234f0d0, tid 4516
2021-09-07 18:03:42.909 4494-4516/com.example.lifecycle D/HostConnection: HostComposition ext ANDROID_EMU_CHECKSUM_HELPER_v1 ANDROID_EMU_native_sync_v2
  ANDROID_EMU_native_sync_v3 ANDROID_EMU_native_sync_v4 ANDROID_EMU_dma_v1 ANDROID_EMU_direct_mem ANDROID_EMU_host_composition_v1 ANDROID_EMU_host_composition_v2
  ANDROID_EMU_vulkan ANDROID_EMU_deferred_vulkan_commands ANDROID_EMU_vulkan_null_optional_strings ANDROID_EMU_vulkan_create_resources_with_requirements
  ANDROID_EMU_YUV_Cache ANDROID_EMU_async_unmap_buffer ANDROID_EMU_vulkan_ignored_handles ANDROID_EMU_vulkan_free_memory_sync ANDROID_EMU_vulkan_shader_float16_int8
  ANDROID_EMU_vulkan_async_queue_submit GL_OES_EGL_image_external_essl3 GL_OES_vertex_array_object GL_KHR_texture_compression_astc_ldr ANDROID_EMU_host_side_tracing
  ANDROID_EMU_async_frame_commands ANDROID_EMU_gles_max_version_3.0
2021-09-07 18:03:42.910 4494-4516/com.example.lifecycle W/OpenGLESRenderer: Failed to choose config with EGL_SWAP_BEHAVIOR_PRESERVED, retrying without...
2021-09-07 18:03:42.915 4494-4516/com.example.lifecycle D/EGL_emulation: eglCreateContext: 0xb4000071923d5df0: maj 3 min 0 rcv 3
2021-09-07 18:03:42.915 4494-4516/com.example.lifecycle D/EGL_emulation: eglMakeCurrent: 0xb4000071923d5df0: ver 3 0 (info 0xb4000071323a4350) (first time)
2021-09-07 18:03:42.929 4494-4516/com.example.lifecycle I/Gralloc4: mapper 4.x is not supported
2021-09-07 18:03:42.930 4494-4516/com.example.lifecycle D/HostConnection: createUnique: call
2021-09-07 18:03:42.930 4494-4516/com.example.lifecycle D/HostConnection: HostConnection::get() New Host Connection established 0xb4000071a2350a50, tid 4516
2021-09-07 18:03:42.931 4494-4516/com.example.lifecycle D/goldfish-address-space: allocate: Ask for block of size 0x100
2021-09-07 18:03:42.931 4494-4516/com.example.lifecycle D/goldfish-address-space: allocate: ioctl allocate returned offset 0x1fd4f8000 size 0x0000
2021-09-07 18:03:42.956 4494-4516/com.example.lifecycle D/HostConnection: HostComposition ext ANDROID_EMU_CHECKSUM_HELPER_v1 ANDROID_EMU_native_sync_v2
2021-09-07 18:03:42.961 4494-4516/com.example.lifecycle D/HostConnection: HostComposition ext ANDROID_EMU_CHECKSUM_HELPER_v1 ANDROID_EMU_native_sync_v2
  ANDROID_EMU_native_sync_v3 ANDROID_EMU_native_sync_v4 ANDROID_EMU_dma_v1 ANDROID_EMU_direct_mem ANDROID_EMU_host_composition_v1 ANDROID_EMU_host_composition_v2
  ANDROID_EMU_vulkan ANDROID_EMU_deferred_vulkan_commands ANDROID_EMU_vulkan_null_optional_strings ANDROID_EMU_vulkan_create_resources_with_requirements
  ANDROID_EMU_YUV_Cache ANDROID_EMU_async_unmap_buffer ANDROID_EMU_vulkan_ignored_handles ANDROID_EMU_vulkan_free_memory_sync ANDROID_EMU_vulkan_shader_float16_int8
  ANDROID_EMU_vulkan_async_queue_submit GL_OES_EGL_image_external_essl3 GL_OES_vertex_array_object GL_KHR_texture_compression_astc_ldr ANDROID_EMU_host_side_tracing
  ANDROID_EMU_async_frame_commands ANDROID_EMU_gles_max_version_3.0
2021-09-07 18:04:06.255 4494-4494/com.example.lifecycle I/MainActivity: In Method onPause
2021-09-07 18:16:29.013 4494-4494/com.example.lifecycle I/MainActivity: In Method onDestroy
```