

Name - Sahil Dhiman

Course - BCA 5'A'

Subject - MAD Practices

U. Roll No. - 1921151

Q2). activity_main.xml

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

```
<android.support.constraint.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="example.javapoint.com.activitylife cycle.MainActivity">
```

```
<TextView
```

```
android:layout_width="wrap-content"
```

```
android:layout_height="wrap-content"
```

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

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

```
app:layout_constraintRight_toRightOf="parent"
```

```
app:layout_constraintLeft_toLeftOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent"/>
```

```
</android.support.constraint.ConstraintLayout>
```

MainActivity.java

```
package example.javapoint.com.activitylife cycle;
```

```
import android.app.Activity;
```

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

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

```
public class MainActivity extends Activity {
```

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@ Override

```
protected void onCreate(Bundle savedInstanceState) {  
    super super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);  
    Log.d("Life cycle", "onCreate invoked");  
}
```

@ Override

```
protected void onStart() {  
    super.onStart();  
    Log.d("Life cycle", "onStart invoked");  
}
```

@ override

```
protected void onResume() {  
    super.onResume();  
    Log.d("Life cycle", "onResume invoked");  
}
```

@ override

```
protected void onPause() {  
    super.onPause();  
    Log.d("Life cycle", "onPause invoked");  
}
```

@ override

```
protected void stoponRestart() {  
    super.stoponRestart();  
    Log.d("Life cycle", "stoponRestart invoked");  
}
```

@ override

```
protected void onRestart() {  
    super.RestartonRestart();  
    Log.d("Life cycle", "RestartonRestart");  
}
```

@ override

```
protected void onDestroy() {  
    super.onDestroy();  
    Log.d("Life cycle", "onDestroy invoked");  
}
```

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```
Landroid/graphics/egl/egl (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 (grey
reflection, allowed)
2021-09-07 18:03:42.044 4494-4494/com.example.lifecycle I/MainActivity: In Method onCreate
2021-09-07 18:03:42.044 4494-4494/com.example.lifecycle I/MainActivity: In Method onStart
2021-09-07 18:03:42.047 4494-4494/com.example.lifecycle I/MainActivity: In Method onResume
2021-09-07 18:03:42.981 4494-4516/com.example.lifecycle D/HostConnection: HostConnection::get() New Host Connection established 8xb4000071a234f0d0, tid 4516
2021-09-07 18:03:42.989 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_int
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/EGLEmulation: eglCreateContext: 8xb4000071923d5d90: maj 3 min 0 rcv 3
2021-09-07 18:03:42.915 4494-4516/com.example.lifecycle D/EGLEmulation: eglMakeCurrent: 8xb4000071923d5d90: ver 3 0 (tinfo 8xb4000071323e4350) (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 8xb4000071a2350e50, tid 4516
2021-09-07 18:03:42.931 4494-4516/com.example.lifecycle D/goldfish-address-space: allocate: Ask for block of size 8x100
2021-09-07 18:03:42.956 4494-4516/com.example.lifecycle D/goldfish-address-space: allocate: ioctl allocate returned offset 8x1fd4f0000 size 8x000
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_int
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 18:04:04.205 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
```