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Course - BCA

Sem - 5

Section - Sem

Subject name - Mobile Application Development Lab

Subject code - PBC 502

## 2. MainActivity.java File -

```
Package com.example.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");
```

```
}
```

① override

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

② override

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

③ override

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

④ override

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

}

}

~~Activity Main XML File~~

Activity Main XML File -

```
<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.javatpoint.com.activity.lifecycle.  
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"/>  
</  
android.support.constraint.ConstraintLayout>
```

```
2021-09-07 18:16:56.817 11270-11270/com.example.activitylifecycle I/MainActivity: In Method onPause
2021-09-07 18:16:56.828 11270-11294/com.example.activitylifecycle D/EGL_emulation: eglMakeCurrent: 0xa8a05120: ver 3 0 (tinfo 0xa8a032a0)
2021-09-07 18:16:56.829 11270-11270/com.example.activitylifecycle I/MainActivity: In Method onStop
2021-09-07 18:17:03.433 11270-11270/com.example.activitylifecycle I/MainActivity: In Method onStart
2021-09-07 18:17:03.434 11270-11270/com.example.activitylifecycle I/MainActivity: In Method onResume
2021-09-07 18:16:31.824 11270-11270/com.example.activitylifecycle I/MainActivity: In Method onCreate
2021-09-07 18:16:31.825 11270-11270/com.example.activitylifecycle I/MainActivity: In Method onStart
2021-09-07 18:16:31.827 11270-11270/com.example.activitylifecycle I/MainActivity: In Method onResume
```