

NAME - AKASH SINGH

COURSE - BCA 5th

ROLLNO - 1921012

SUBJECT - Android Development (TBC-502)

Main Activity.java

```
package com.example.Activity
```

```
import...
```

```
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, msg: "In method onCreate");
```

```
}
```

```
@Override.
```

```
protected void onStart() {
```

```
super.onStart();
```

```
Log.i(status, msg: "In method onStart");
```

```
}
```

```
@Override
```

```
protected void onPause() {
```

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

```
Log.i(status, msg: "In method onPause");
```

```
}
```

@Override

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

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

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

```
}
```

@Override -

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

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

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

```
}
```



Name:AkashSingh

Course:BCA 5 c

U.r.n: 1921012

R.no.:06

Sub: MOBILE APPLICATION DEVELOPMENT TBC-502

Assignment

Q. Create a program to depict activity life cycle

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=".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>
```

MainActivity.java

```
package com.example.act;

import ...

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, msg: "In method onCreate");

    }

    @Override

    protected void onStart() {

        super.onStart();

        Log.i(status, msg: "In method onStart");

    }

    @Override

    protected void onResume() {

        super.onResume();

        Log.i(status, msg:"In method onResume");

    }

    @Override

    protected void onPause() {

        super.onPause();

        Log.i(status, msg: "In method onPause");

    }

    @Override
```

```
protected void onStop() {  
    super.onStop();  
    Log.i(status, msg: "In method onStop");  
}  
  
@Override  
protected void onDestroy() {  
    super.onDestroy();  
    Log.i(status, msg: "In method onDestroy");  
}
```

OUTPUT:



2021-09-07 12:36:34.591 4400-4400/com.example.activity I/MainActivity: In method onCreate

2021-09-07 12:36:34.612 4400-4400/com.example.activity I/MainActivity: In method onStart

2021-09-07 12:36:34.615 4400-4400/com.example.activity I/MainActivity: In method onResume