Name:- Sakshi Agarwal

Course:- BCA SC

University roll no:- 1921153

Subject:- Mobile Application development

Subject code:- PBC 501.

Student Id:- 19042205

Date:- 1/10/21

Exam: - Practical.

Q.2

Xml code –

```xml
<?xml version = "1.0" encoding = "utf-8"?>
< android. constraintlayout . widget. contraint layout
  xmlns: android = "http:// schemas . android
  .com /apk/ res/ android "
  xmlns: app = "http: // schemas . android .
  com/ apk/ res-auto"
  xmlns: tools =" https: // schemas . android . com
  /tools "
  android : layout_width = "match_parent"
  android : layout_height =" match_parent"
  tools : context = ". MainActivity">

  < TextView
    android : id = " @+id/ textView "
    android : layout_width = "wrap_content"
    android : text = " hello world! "
    android :textSize = "40sp"
    android :textstyle = "bold"
  app : layout_contraint Bottom_to Bottom of
    = "parent"
  app : layout_constraint End_toEnd of = "parent"
  app: layout_constraint Start_toStart of = "parent"
  app: layout_constraint Top_totop of = "parent"/>

  </
  androidx. constraintlayout. widget. Constraint. layout
                                          Salgshi >
```

Main activity.java code.

```java
package example.javatpoint.com.activitylifecycle;

import android.app.Activity;
import android.os.Bundle;
import android.util.log;

public class MainActivity extends Activity {

    @override
    protected void onCreate (Bundle savedInstanceState)
    {   super.onCreate(savedInstanceState);
        setContentView (R.layout.activity-main);
        Log.d ("lifecycle", "onCreate Invoked");
    }

    @override
    protected void onResume() {
        super.onResume();
        Log.d ("lifecycle", "onResume invoked");
    }

    @override
    protected void onPause() {
        super.onPause();
        Log.d ("lifecycle", "onPause invoked");
    }

    @override
    protected void onStop() {
        super.onStop();
        Log.d ("lifecycle", "onStop invoked");
    }

    @override
    protected void onRestart() {
        super.onRestart();
        Log.d ("lifecycle", "onRestart Invoked");
    }
}  Selsu
```

```java
@Override
protected void onDestroy()
    { super.onDestroy();
    log.d("lifecycle", "onDestroy invoked");
    } }.
```

Satosh

hello world!

```
2021-09-10 15:20:11.003 5947-5947/com.example.myapp I/MainActivity: In method onStart
2021-09-10 15:20:11.668 5947-5947/com.example.myapp I/MainActivity: In method onResume
2021-09-10 15:20:11.978 5947-5973/com.example.myapp D/EGL_emulation: eglMakeCurrent: 0xa53a6ba0: ver 3 1 (tinfo 0xb058b7f0)
2021-09-10 15:20:17.192 5947-5947/com.example.myapp I/MainActivity: In method onPause
2021-09-10 15:20:17.243 5947-5973/com.example.myapp D/EGL_emulation: eglMakeCurrent: 0xa53a6ba0: ver 3 1 (tinfo 0xb058b7f0)
2021-09-10 15:20:17.250 5947-5947/com.example.myapp I/MainActivity: In method onStop
2021-09-10 15:20:39.238 5947-5947/com.example.myapp I/MainActivity: In method onStart
2021-09-10 15:20:39.242 5947-5947/com.example.myapp I/MainActivity: In method onResume
2021-09-10 15:20:39.504 5947-5973/com.example.myapp D/EGL_emulation: eglMakeCurrent: 0xa53a6ba0: ver 3 1 (tinfo 0xb058b7f0)
```