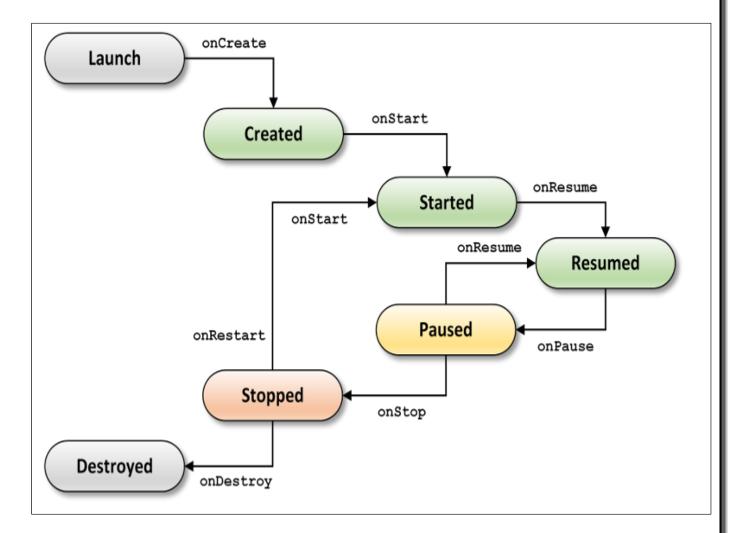
Practical 3

Programming Activities and fragments

Activity Life Cycle, Activity methods, Multiple Activities, Life Cycle of fragments and multiple fragments.

a) Activity Life Cycle

The various methods to be created are onStart(), onRestart(), onStop(), onResume(),onDestroy() and onPause() as shown in the figure.



Create a new project and go to, MainActivity.java

```
package MaharashtraCollege.example.profshahidansari;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
public class MainActivity extends AppCompatActivity {
  String tag= "Android Lifecycle Demonstration";
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    Log.d(tag,"In the onCreate() event");
  public void onStart()
    super.onStart();
    Log.d(tag,"In the onStart() event");
  public void onRestart()
  { super.onRestart();
    Log.d(tag,"In the onRestart() event");
  public void onPause()
    super.onPause();
    Log.d(tag,"In the onPause() event");
  public void onStop()
    super.onStop();
    Log.d(tag,"In the onStop() event");
  public void onDestroy()
    super.onDestroy();
    Log.d(tag,"In the onDestroy() event");
}
```

