

```
ThreadApp - [D:\HninNwe\Proj\coder72\ThreadApp] - [app] - ...app\src\main\java\bm\hna\threadapp\MainActivity3.java - Android Studio 1.5.1
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

ThreadApp - app - src - main - java - bm - hna - threadapp - MainActivity3
MainActivity3.java x AndroidManifest.xml x activity_main.xml x

package bm.hna.threadapp;

import ...

public class MainActivity3 extends AppCompatActivity implements View.OnClickListener {

    Button btnStart, btnStop;
    ProgressBar pBar;
    TextView tv;
    int count = 1;
    Handler handler;

    @Override
    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        btnStart = (Button) findViewById(R.id.btnStart);
        btnStop = (Button) findViewById(R.id.btnStop);
        pBar = (ProgressBar) findViewById(R.id.pBar);
        tv = (TextView) findViewById(R.id.tv);

        handler = new Handler(){
            @Override
            public void handleMessage(Message msg) {
                super.handleMessage(msg);
                pBar.setProgress(msg.getData().getInt("progress"));
            }
        };

        btnStart.setOnClickListener(this);
        btnStop.setOnClickListener(this);

        @Override
        public void onClick(View v) {
            switch (v.getId()){
                case R.id.btnStart:
                    BgThread bgThread = new BgThread();
                    bgThread.start();
                    break;
                case R.id.btnStop:
                    break;
            }
        }

        private class BgThread extends Thread{
            String ary[] = {"Apple", "Orange", "Mango", "Banana", "Stawberry"};
            @Override
            public void run() {
                super.run();

                for(int i=0; i<ary.length; i++) {
                    try {
                        Thread.sleep(1000);
                        Message msg = Message.obtain();
                        Bundle b = new Bundle();
                        b.putString("tv", ary[i]);
                        b.putInt("progress", i*20);
                        msg.setData(b);
                        handler.sendMessage(msg);
                    } catch (InterruptedException e) {
                    }
                }
            }
        }
    }
}
```

Run TODO Android Monitor Messages Terminal Event Log Gradle Console

Session 'app': Launched on samsung-sm-n9005-38ecb438 (a minute ago) 14:29 CRLF: UTF-8: Context: <no context>