LAB3:DOL 实例分析&编程

1.

Example1 运行截图

```
bsystemc.a # -lpthread -lX11 -lrt
     [echo] Run HdS application.
   [concat] consumer: 0.000000
   [concat] consumer: 1.000000
   [concat] consumer: 8.000000
   [concat] consumer: 27.000000
   [concat] consumer: 64.000000
   [concat] consumer: 125.000000
   [concat] consumer: 216.000000
   [concat] consumer: 343.000000
   [concat] consumer: 512.000000
   [concat] consumer: 729.000000
   [concat] consumer: 1000.000000
   [concat] consumer: 1331.000000
   [concat] consumer: 1728.000000
   [concat] consumer: 2197.000000
   [concat] consumer: 2744.000000
   [concat] consumer: 3375.000000
   [concat] consumer: 4096.000000
   [concat] consumer: 4913.000000
   [concat] consumer: 5832.000000
   [concat] consumer: 6859.000000

BUILD SUCCESSFUL
Total time: 13 seconds
elias@14353319wy:~/dol/build/bin/main$
```

Example2 运行截图

```
     [echo] Run HdS application.
   [concat] consumer: 0.000000
   [concat] consumer: 1.000000
   [concat] consumer: 16.000000
   [concat] consumer: 81.000000
   [concat] consumer: 256.000000
   [concat] consumer: 625.000000
   [concat] consumer: 1296.000000
   [concat] consumer: 2401.000000
   [concat] consumer: 4096.000000
   [concat] consumer: 6561.000000
   [concat] consumer: 10000.000000
   [concat] consumer: 14641.000000
   [concat] consumer: 20736.000000
   [concat] consumer: 28561.000000
   [concat] consumer: 38416.000000
   [concat] consumer: 50625.000000
   [concat] consumer: 65536.000000
   [concat] consumer: 83521.000000
   [concat] consumer: 104976.000000
   [concat] consumer: 130321.000000
```

2.

Example1 修改内容：在 square.c 内将 i=i*i 修改成 i=i*i*i 即可；
Example2 修改内容：将 N 的 value 从 3 改成 2 即可。

3.

这次实验非常简单，主要理解 example1 和 2 中的文件和代码，在基础上根据题目要求修改即可非常轻松完成。