

1. The GUI has been compiled for LBlock. The user manual for the compilation for any cipher has been included in the thesis report. (I can send you the project if required).
2. **“Public Bit Size”** of 64 and **“Secret Bit Size”** of 80 correspond to the block size and key length of LBlock. These two parameters are only needed to be changed when compiled for any other cipher having different values.
3. **“Cube Size”** may be adjusted according to the attached **“Number of Rounds”**. The results included in the thesis report may be seen for understanding. By increasing each of the parameter, the elapsed time increases. Don’t worry about the **“Not Responding”** GUI, it is running in the background.
4. The default value of **“Number of Linearity Tests”** has been set to 30. It may be increased to increase the probability of the correctness of the results but the simulation time will be increased.
5. **“Output Bit Index”** has been set to 1 in the attached application. The range can be set in the code during compilation.
6. The two speed improving features discussed in the thesis report, **“Attacking Multiple Output Bits”** and **“Multiprocessing Using OpenMP”**, are not included in the standard GUI version. (I can send you their non-GUI projects if required).