Name: Huayue Hua
USC ID: 9817961224
Email: huayuehu@usc.edu

Lab2

1. To write my code:
The functions used to generate uniform distributed number in "blackbox.c" takes "https://blog.csdn.net/u010141928/article/details/71439570" as a reference.
The functions used to convert decimal to ternary in "9817961224ExtraCreditQ1.c" takes "https://zhuanlan.zhihu.com/p/58454783" as a reference.

2. In blackbox.c, I use pow() function in math.h library. So, when running blackbox.c in Linux, command to run the file should contain "-lm", i.e. "gcc -o blackbox blackbox.c -lm".

3. "tester.py" code ---- using Python3

4. Since it needs to generate a list of 10000 float points, it takes a little time to run "tester.py"