

# Mandelbrot Set Computation

## Description :

Download the sequential Mandelbrot program from

[http://www.cs.nthu.edu.tw/~ychung/homework/para\\_programming/seq\\_mandelbrot\\_c.htm](http://www.cs.nthu.edu.tw/~ychung/homework/para_programming/seq_mandelbrot_c.htm)

and compile and run the program based on your machine setting of Xlib (This program uses Xlib calls for the graphics. It is necessary to link the appropriate libraries.) Write the parallel version of the program using MPI and Pthread.

## Where and What to Turn in Your Homework :

1. Please turn in a paper includes

- Report
- Performance analysis
- The source code of your program

2. Send your source code to blackboard

3. No late homework assignment submission!!!