1. A. cc -fopenmp prog1a.c

B. mpicc prog1b.c -o prog1b

mpirun -np 4 prog1b

4- no of threads

Change iter for varying input size

1. cc -fopenmp prog2.c
2. gcc -fopenmp prog3.cpp
3. gcc prog4.c -fopenmp -lgd -o prog4

./prog4 p1.png output.png

For different scheduling techniques:

1. Default: #pragma omp parallel for schedule(guided) private(x,y,color)
2. Static: #pragma omp static parallel for schedule(guided) private(x,y,color)
3. Dynamic: #pragma omp dynamic parallel for schedule(guided) private(x,y,color)
4. Guided: #pragma omp guided parallel for schedule(guided) private(x,y,color)
5. mpicc prog5.c -o prog5

mpirun -np 4 prog1b

4 - no of threads

1. cc -fopenmp prog6.c
2. This program is available on the cse1 server, steps to ssh:

ssh cse1@172.16.2.235

password - cse

To run the program, saxpy\_cuda.cpp:

g++ -o saxpy saxpy\_cuda.cpp -lOpenCL