MANUAL

1. **Place all the source code files (which are submitted in blackboard under the folder name, 'SRC FILES') in your EC2 instance.**
2. **And follow the below instructions**

1. **CPU**
    - Open the console
    - Compile **CPU.cpp** using
        - **g++ CPU.cpp –pthread –o cpu.o**
    - Execute the output file using
        - **./cpu.o**

- All the results will be shown in the console.

FOR SEPARATE EXPERIMENTS, 600 times.

- Open the console
- Compile **flops_cpu_600.cpp** using
    - **g++ flops_cpu_600.cpp –pthread –o flops.o**
- Execute the output file using
    - **./flops.o**

- A file named "**output_flops.txt**" will be created in the directory with all the values noted for every second.

- Open the console
- Compile **iops_cpu_600.cpp** using
    - **g++ iops_cpu_600.cpp –pthread –o iops.o**
- Execute the output file using
    - **./iops.o**

- A file named "**output_iops.txt**" will be created in the directory with all the values noted for every second.

2. **MEMORY**
    - Open the console and for block size **1B**
    - Compile **Memory_1B.cpp** using
        - **g++ Memory_1B.cpp –pthread –o mem1B.o**
    - Execute the output file using
        - **./mem1B.o**

- All the results will be shown in the console.

- Open the console and for block size **1KB**
- Compile **Memory_1KB.cpp** using
  - **g++ Memory_1KB.cpp –pthread –o mem1KB.o**
- Execute the output file using
  - **./mem1KB.o**

- All the results will be shown in the console.
  - Open the console and for block size **1MB**
  - Compile **Memory_1MB.cpp** using
    - **g++ Memory_1MB.cpp –pthread –o mem1MB.o**
  - Execute the output file using
    - **./mem1MB.o**
- All the results will be shown in the console.

3. **DISK**
   Place "RANDOM_WRITE.txt" and "SEQUENTIAL_WRITE.txt" in your instance folder as this java file references file with that name of greater size file.
   - Open the console and for block size **1B**
   - Compile **DiskBenchmarking.java** using
     - **javac DiskBenchmarking.java**
   - Execute the output file using
     - **java DiskBenchmarking**

- All the results will be shown in the console.