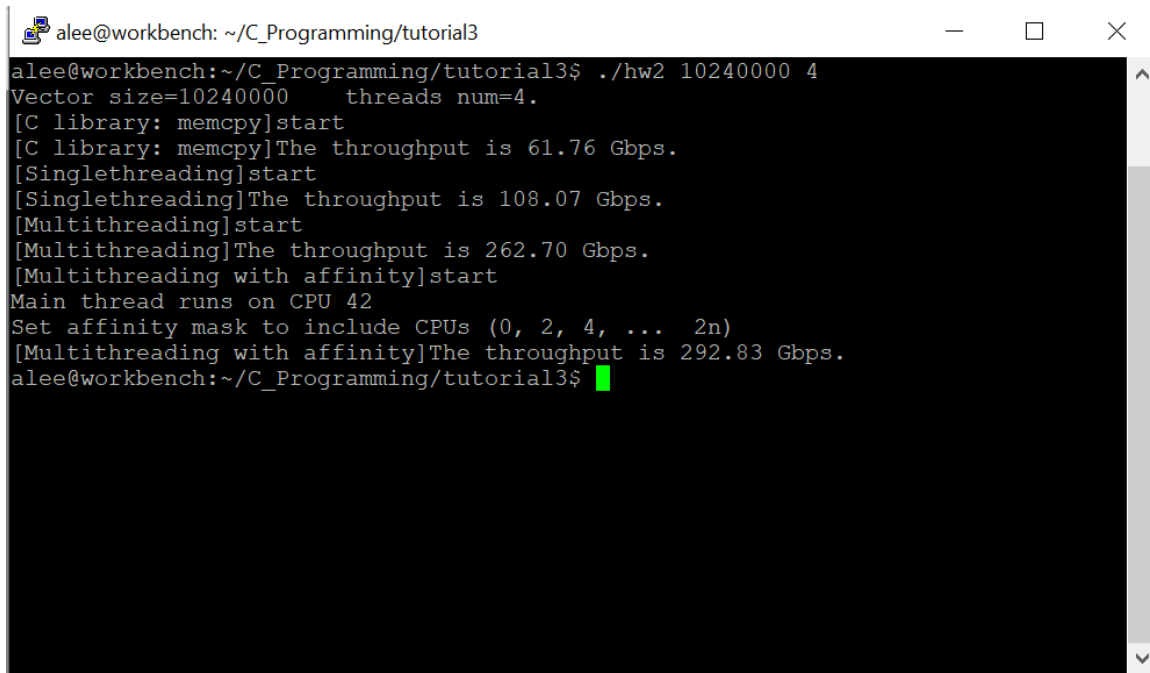


Comp3230 – Tutorial 3 Exercise 2

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```
alee@workbench: ~/C_Programming/tutorial3
alee@workbench:~/C_Programming/tutorial3$ ./hw2 10240000 4
Vector size=10240000 threads num=4.
[C library: memcpy]start
[C library: memcpy]The throughput is 61.76 Gbps.
[Singlethreading]start
[Singlethreading]The throughput is 108.07 Gbps.
[Multithreading]start
[Multithreading]The throughput is 262.70 Gbps.
[Multithreading with affinity]start
Main thread runs on CPU 42
Set affinity mask to include CPUs (0, 2, 4, ... 2n)
[Multithreading with affinity]The throughput is 292.83 Gbps.
alee@workbench:~/C_Programming/tutorial3$
```

Take 1024000 and 4 as input