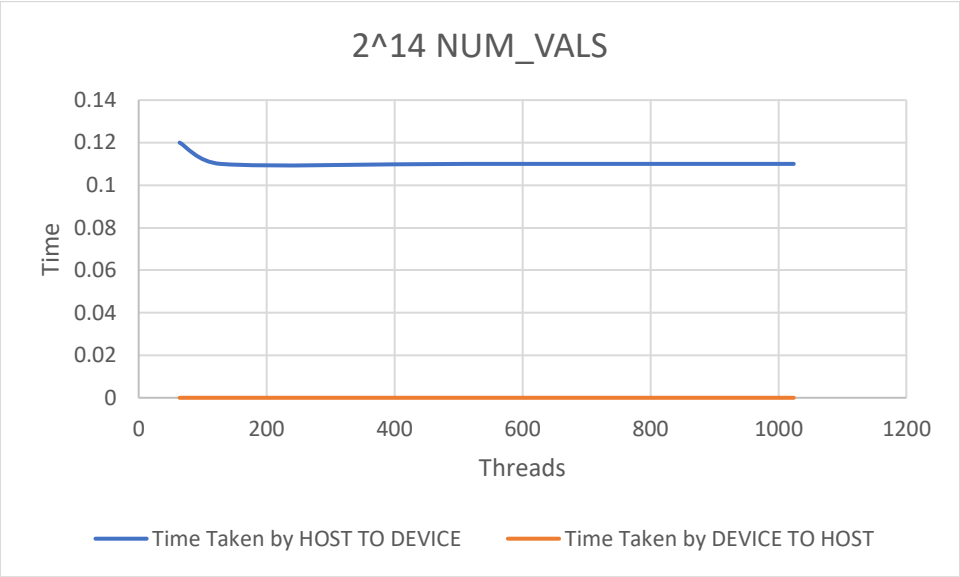
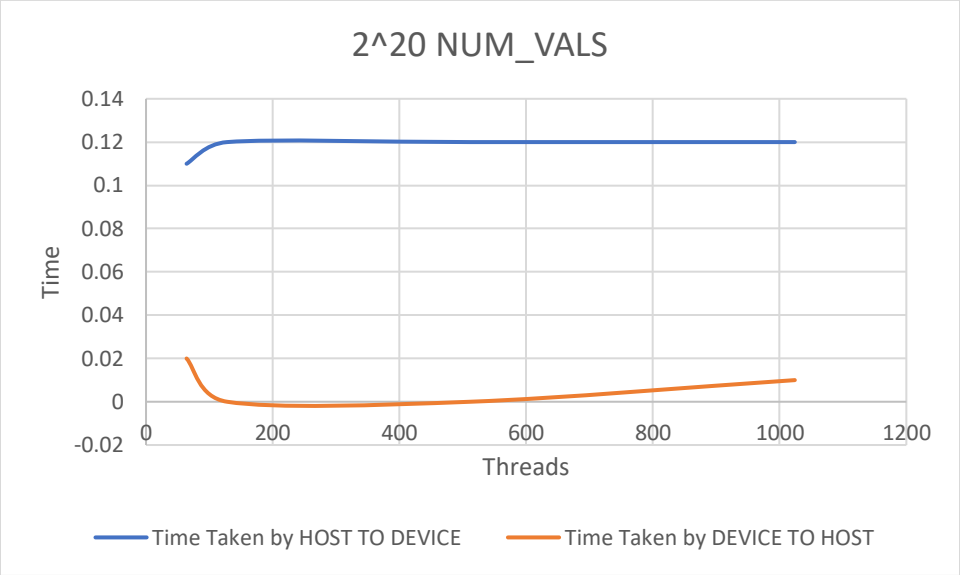
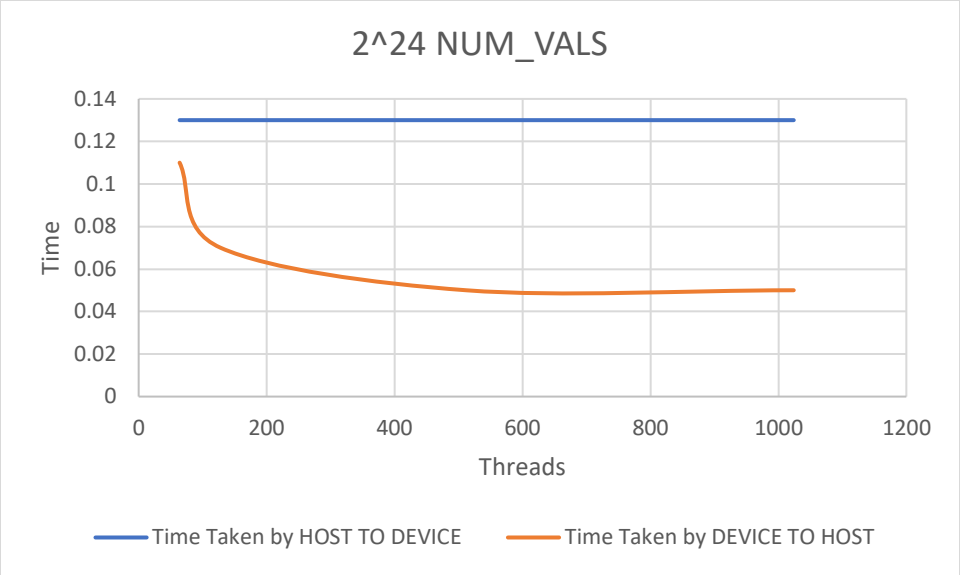
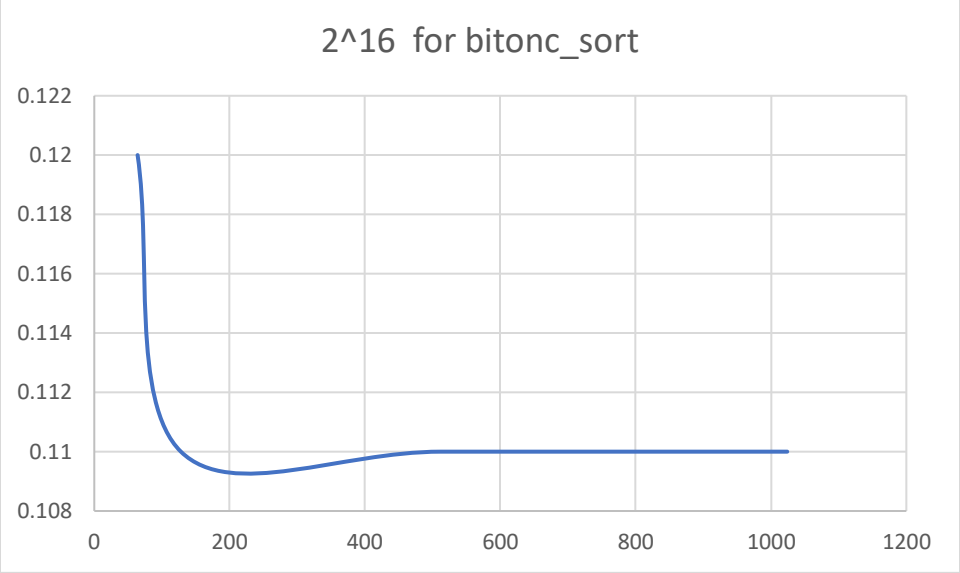
Graphs for Part-1

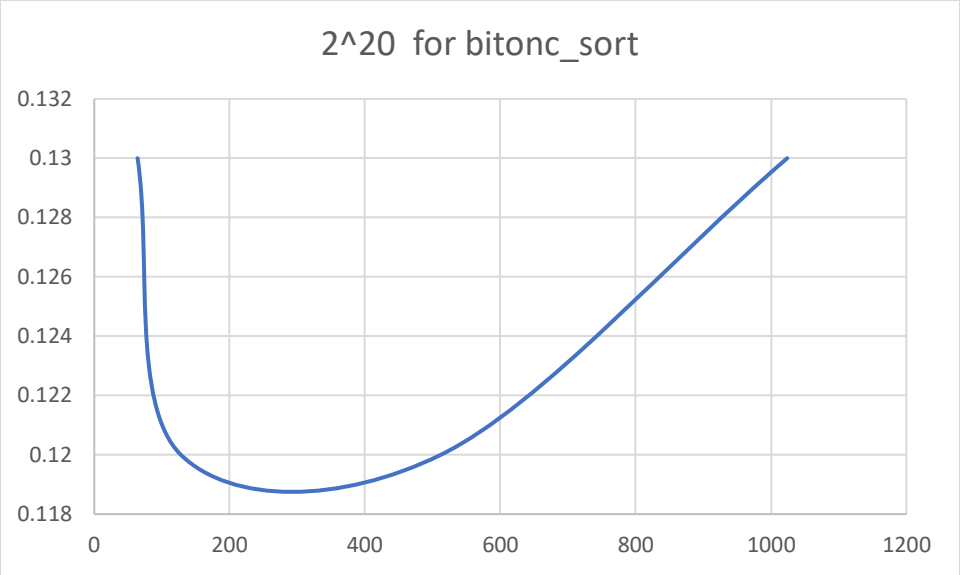


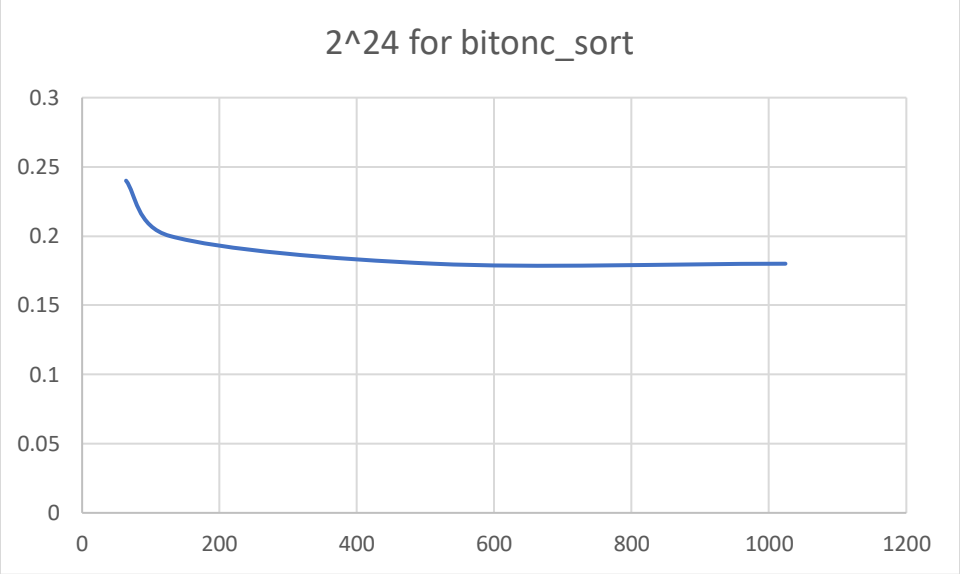




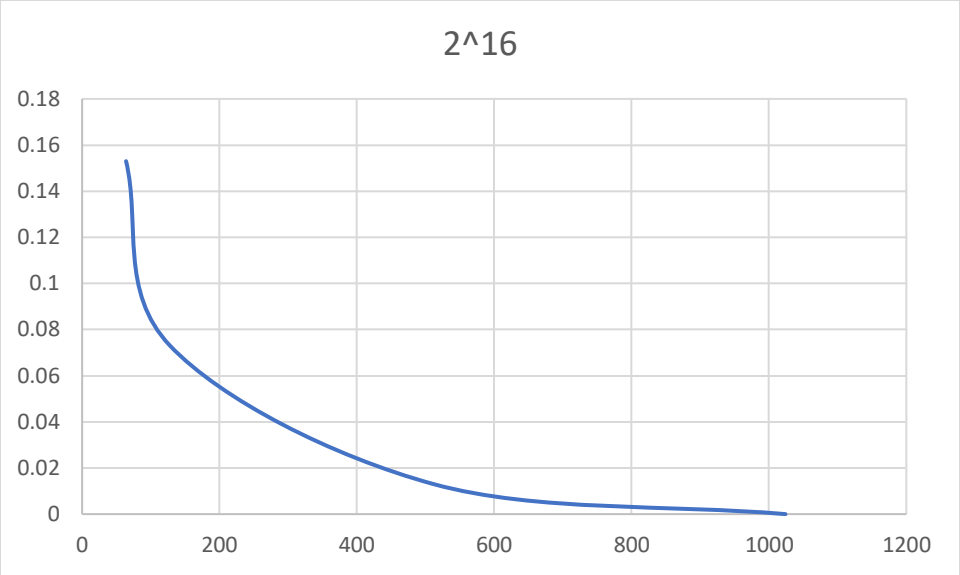
Graph for Part-2

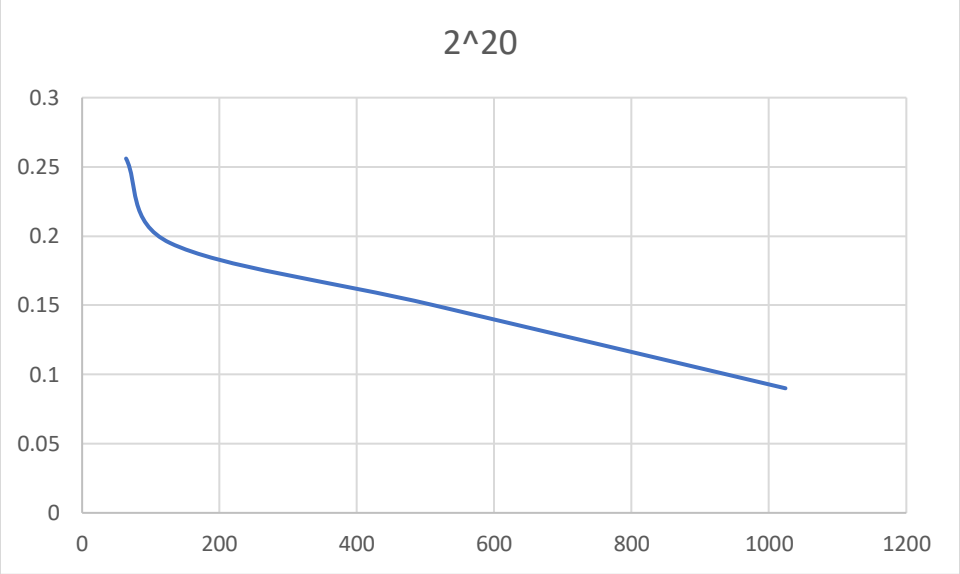


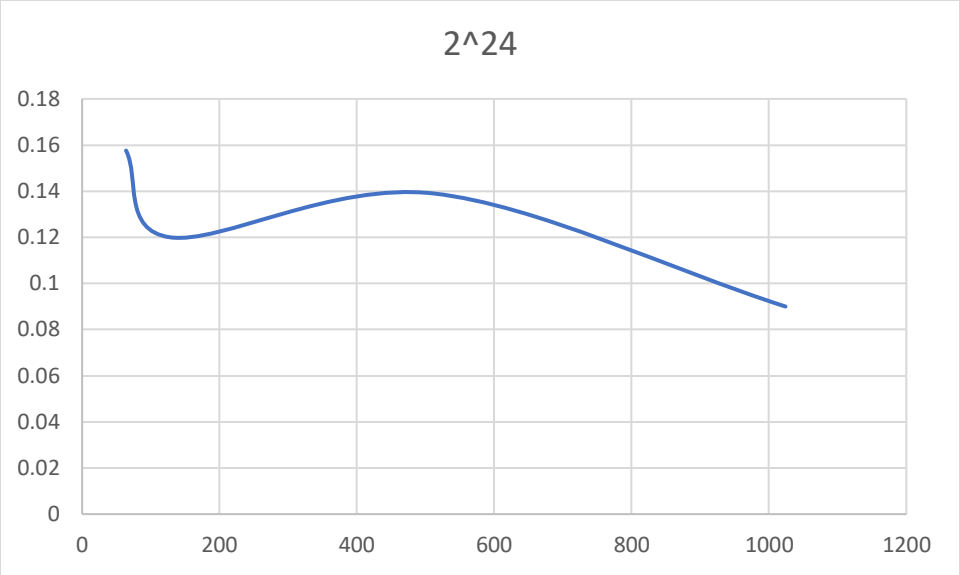

2^20 for bitonc_sort
0.132
0.13
0.128
0.126
0.124
0.122
0.12
0.118
0
200
400
600
800
1000
1200


2^24 for bitonc_sort
0.3
0.25
0.2
0.15
0.1
0.05
0
0
200
400
600
800
1000
1200

Part-3


2^16
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
200
400
600
800
1000
1200


2^20
0.3
0.25
0.2
0.15
0.1
0.05
0
0
200
400
600
800
1000
1200



Formula:

```
printf("Effective Bandwidth (GB/S) is : %fn",NUM_VALS*4*3/elapsedSEC/1e6);
```