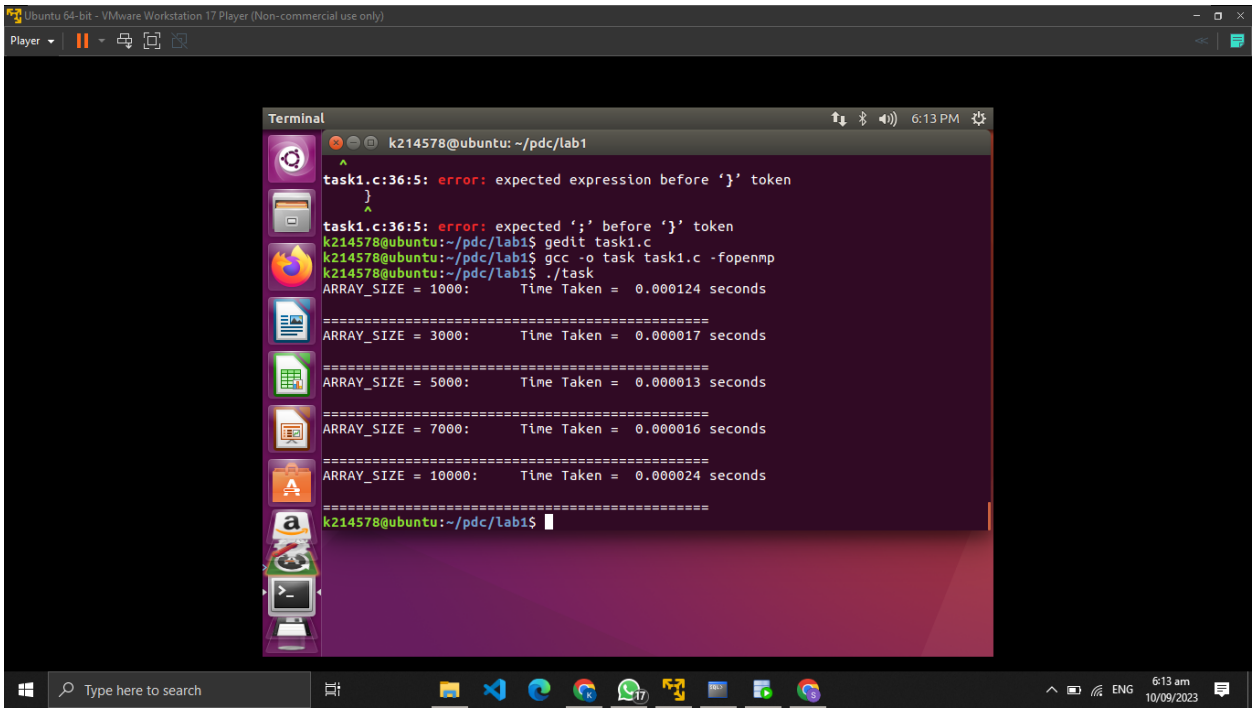
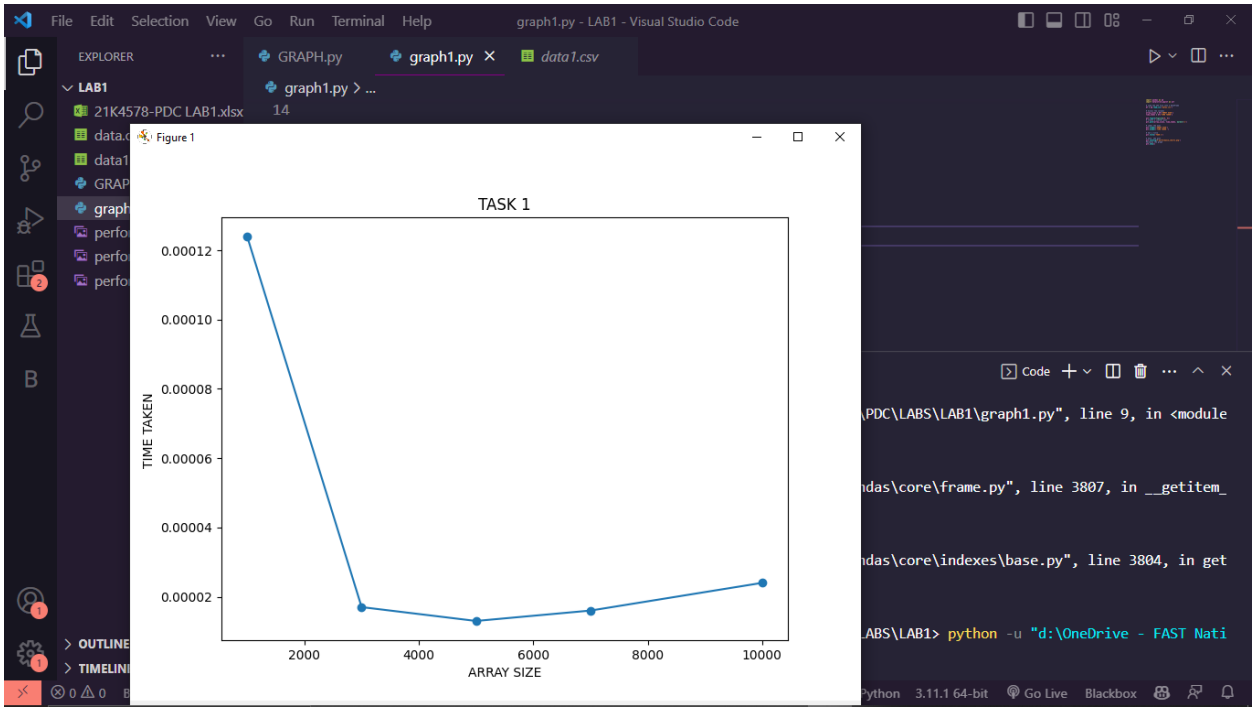
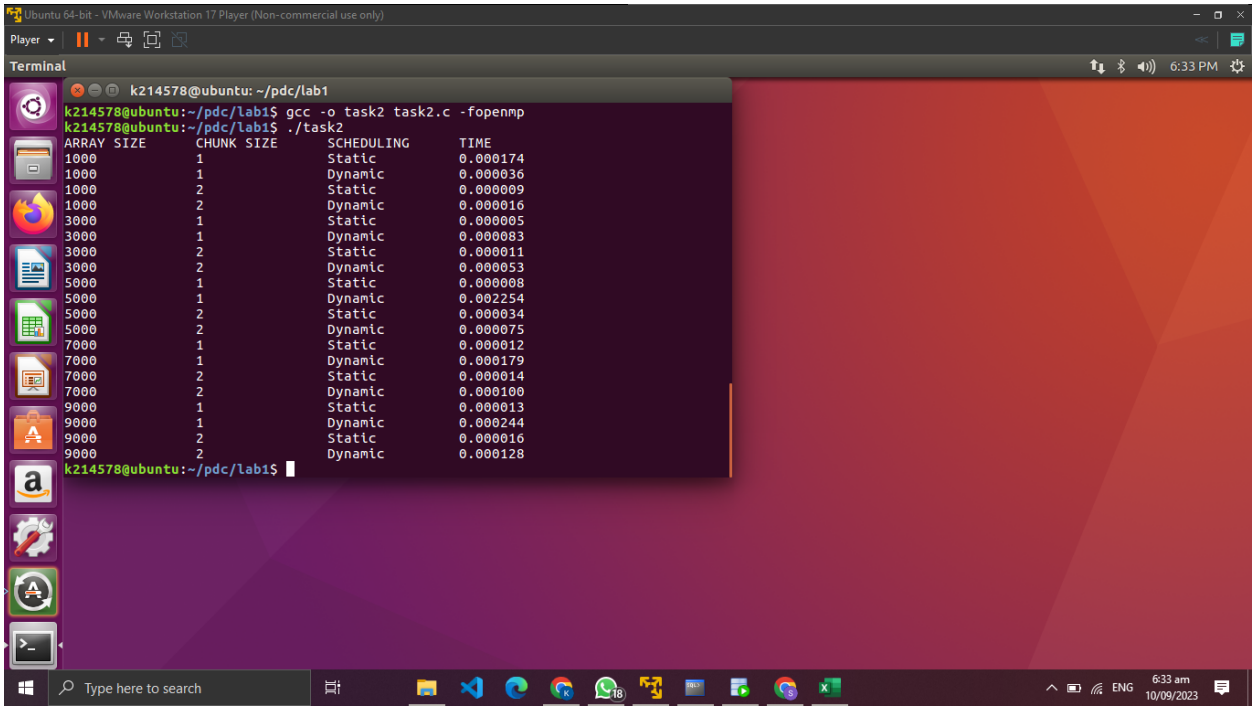
21K4578
PDC LAB 1
OUTPUTS AND GRAPHS

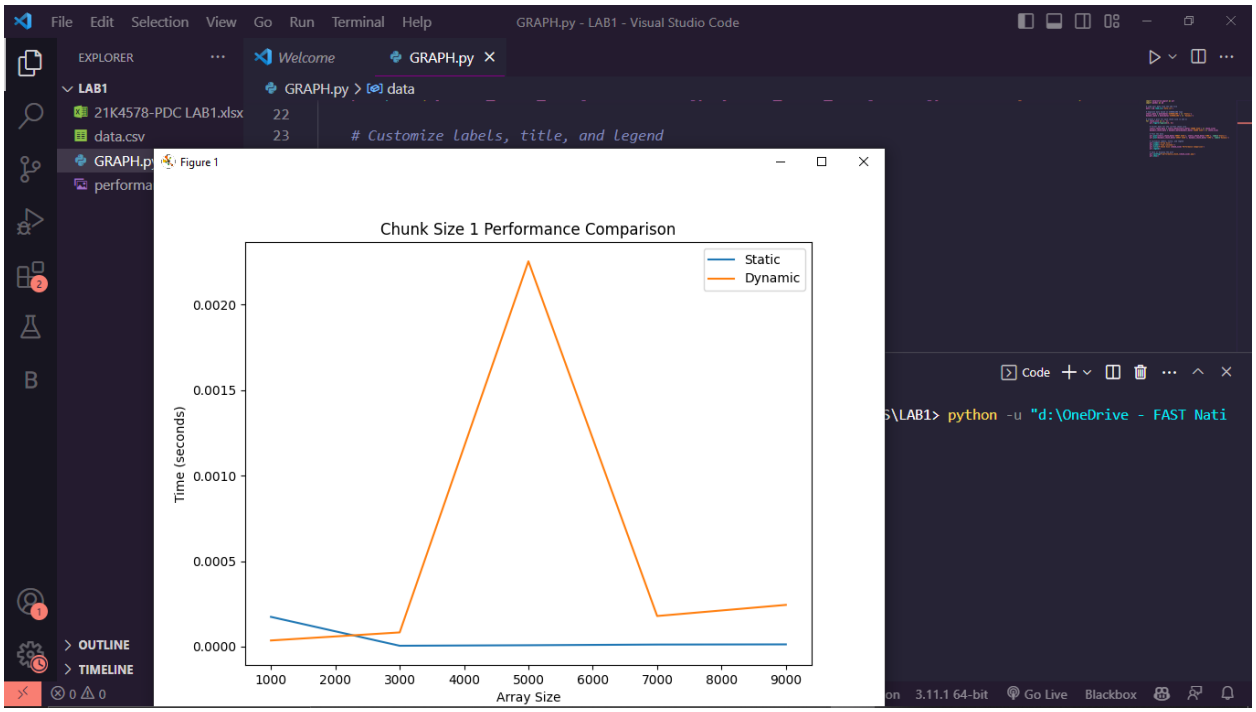
TASK1

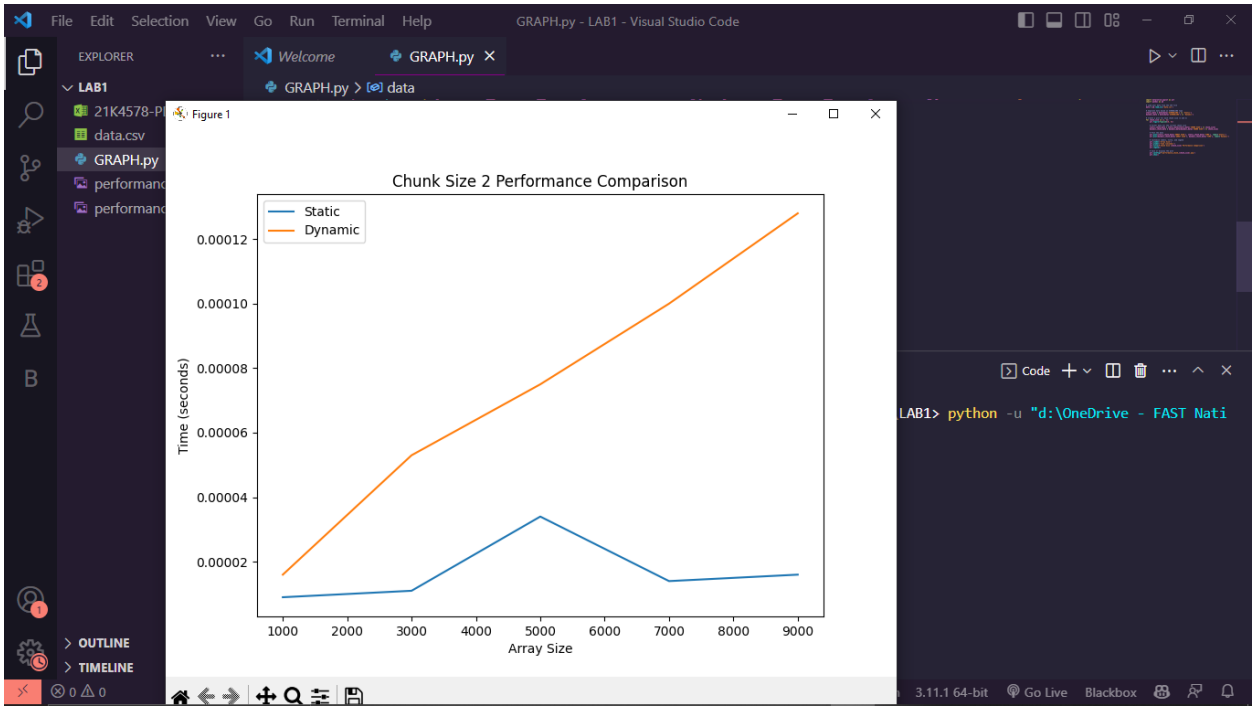




TASK 2


Ubuntu 64-bit - VMware Workstation 17 Player (Non-commercial use only)
Player
Terminal
6:33 PM
k214578@ubuntu: ~/pdc/lab1
k214578@ubuntu:~/pdc/lab1$ gcc -o task2 task2.c -fopenmp
k214578@ubuntu:~/pdc/lab1$ ./task2
ARRAY SIZE CHUNK SIZE SCHEDULING TIME
1000 1 Static 0.000174
1000 1 Dynamic 0.000036
1000 2 Static 0.000009
1000 2 Dynamic 0.000016
3000 1 Static 0.000005
3000 1 Dynamic 0.000083
3000 2 Static 0.000011
3000 2 Dynamic 0.000053
5000 1 Static 0.000008
5000 1 Dynamic 0.002254
5000 2 Static 0.000034
5000 2 Dynamic 0.000075
7000 1 Static 0.000012
7000 1 Dynamic 0.000179
7000 2 Static 0.000014
7000 2 Dynamic 0.000100
9000 1 Static 0.000013
9000 1 Dynamic 0.000244
9000 2 Static 0.000016
9000 2 Dynamic 0.000128
k214578@ubuntu:~/pdc/lab1$
Type here to search
ENG
6:33 am
10/09/2023


File Edit Selection View Go Run Terminal Help
GRAPH.py - LAB1 - Visual Studio Code
EXPLORER
LAB1
21K4578-PDC LAB1.xlsx
data.csv
GRAPH.py
performa
Welcome
GRAPH.py
GRAPH.py > data
22
23 # Customize labels, title, and legend
Figure 1
Chunk Size 1 Performance Comparison
Static
Dynamic
Time (seconds)
0.0020
0.0015
0.0010
0.0005
0.0000
1000 2000 3000 4000 5000 6000 7000 8000 9000
Array Size
Code
\LAB1> python -u "d:\OneDrive - FAST Nati
OUTLINE
TIMELINE
3.11.1 64-bit
Go Live
Blackbox


File Edit Selection View Go Run Terminal Help
GRAPH.py - LAB1 - Visual Studio Code
EXPLORER
Welcome
GRAPH.py
GRAPH.py > data
LAB1
data.csv
GRAPH.py
Figure 1
Chunk Size 2 Performance Comparison
Static
Dynamic
Time (seconds)
0.00012
0.00010
0.00008
0.00006
0.00004
0.00002
1000
2000
3000
4000
5000
6000
7000
8000
9000
Array Size
Code
LAB1> python -u "d:\OneDrive - FAST Nati
OUTLINE
TIMELINE
3.11.1 64-bit
Go Live
Blackbox