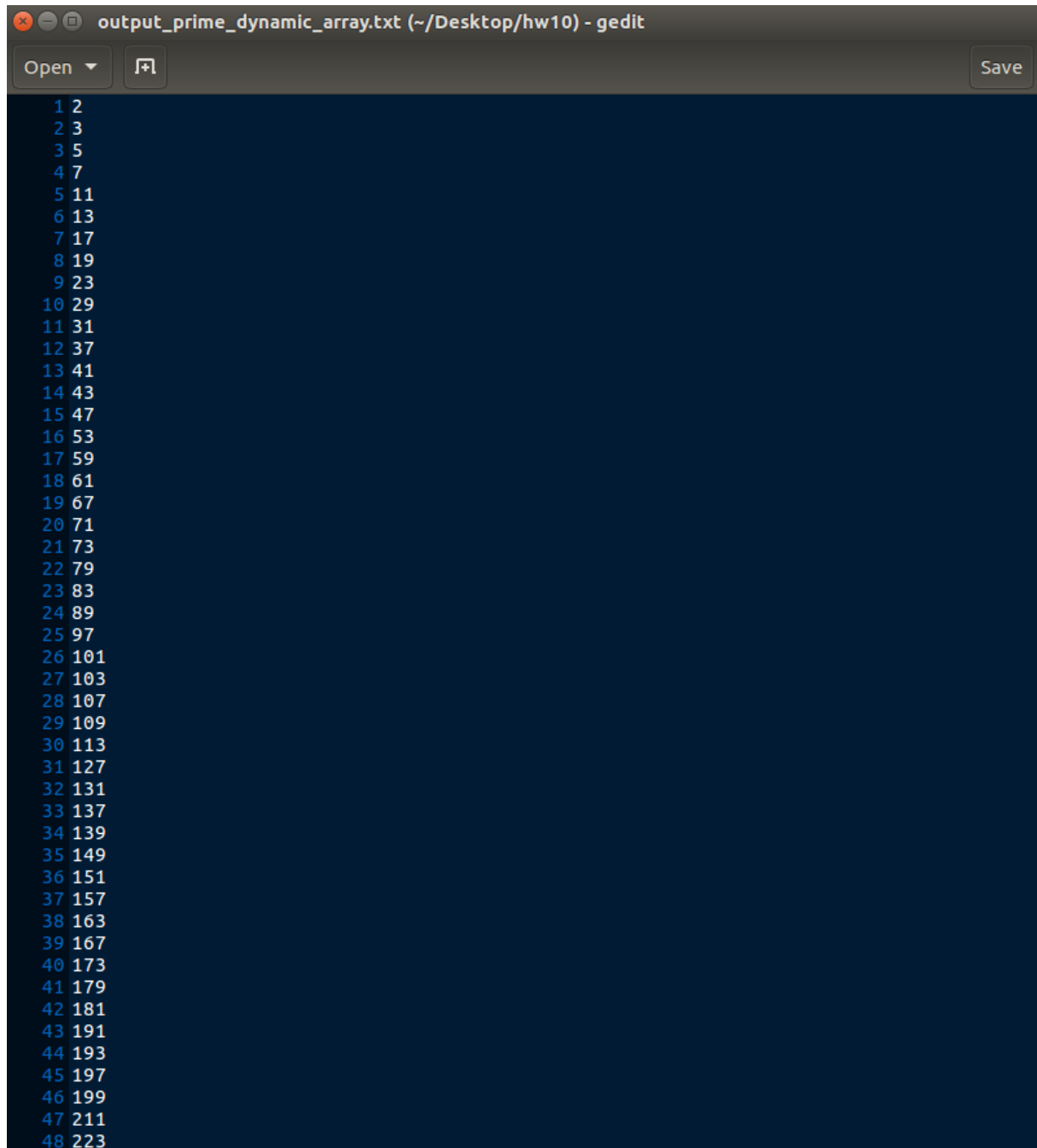


IF YOU CLICK THE HW10.C FILE THE PROGRAM WILL BE START.

```
alp@ubuntu: ~/Desktop/hw10
alp@ubuntu:~/Desktop/hw10$ ./alp
Reading and Writing to Files!!!
Please Wait a Sec...
This process takes approximetly a minute.
```

THE PROGRAM HAS STARTED!



The screenshot shows a gedit text editor window titled "output\_prime\_dynamic\_array.txt (~/Desktop/hw10) - gedit". The window has a dark theme. The top toolbar includes an "Open" button with a dropdown arrow, a file icon, and a "Save" button. The text area contains a list of prime numbers, each preceded by a line number from 1 to 48. The numbers are: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101, 103, 107, 109, 113, 127, 131, 137, 139, 149, 151, 157, 163, 167, 173, 179, 181, 191, 193, 197, 199, 211, and 223.

```
1 2
2 3
3 5
4 7
5 11
6 13
7 17
8 19
9 23
10 29
11 31
12 37
13 41
14 43
15 47
16 53
17 59
18 61
19 67
20 71
21 73
22 79
23 83
24 89
25 97
26 101
27 103
28 107
29 109
30 113
31 127
32 131
33 137
34 139
35 149
36 151
37 157
38 163
39 167
40 173
41 179
42 181
43 191
44 193
45 197
46 199
47 211
48 223
```

# THE PROCESS OF ARRAY TERMINATED

```
78470 999553
78471 999563
78472 999599
78473 999611
78474 999613
78475 999623
78476 999631
78477 999653
78478 999667
78479 999671
78480 999683
78481 999721
78482 999727
78483 999749
78484 999763
78485 999769
78486 999773
78487 999809
78488 999853
78489 999863
78490 999883
78491 999907
78492 999917
78493 999931
78494 999953
78495 999959
78496 999961
78497 999979
78498 999983
78499 500.000 için=7592.55
78500 750.000 için=16810.16
78501 1.000.000 için=28473
```

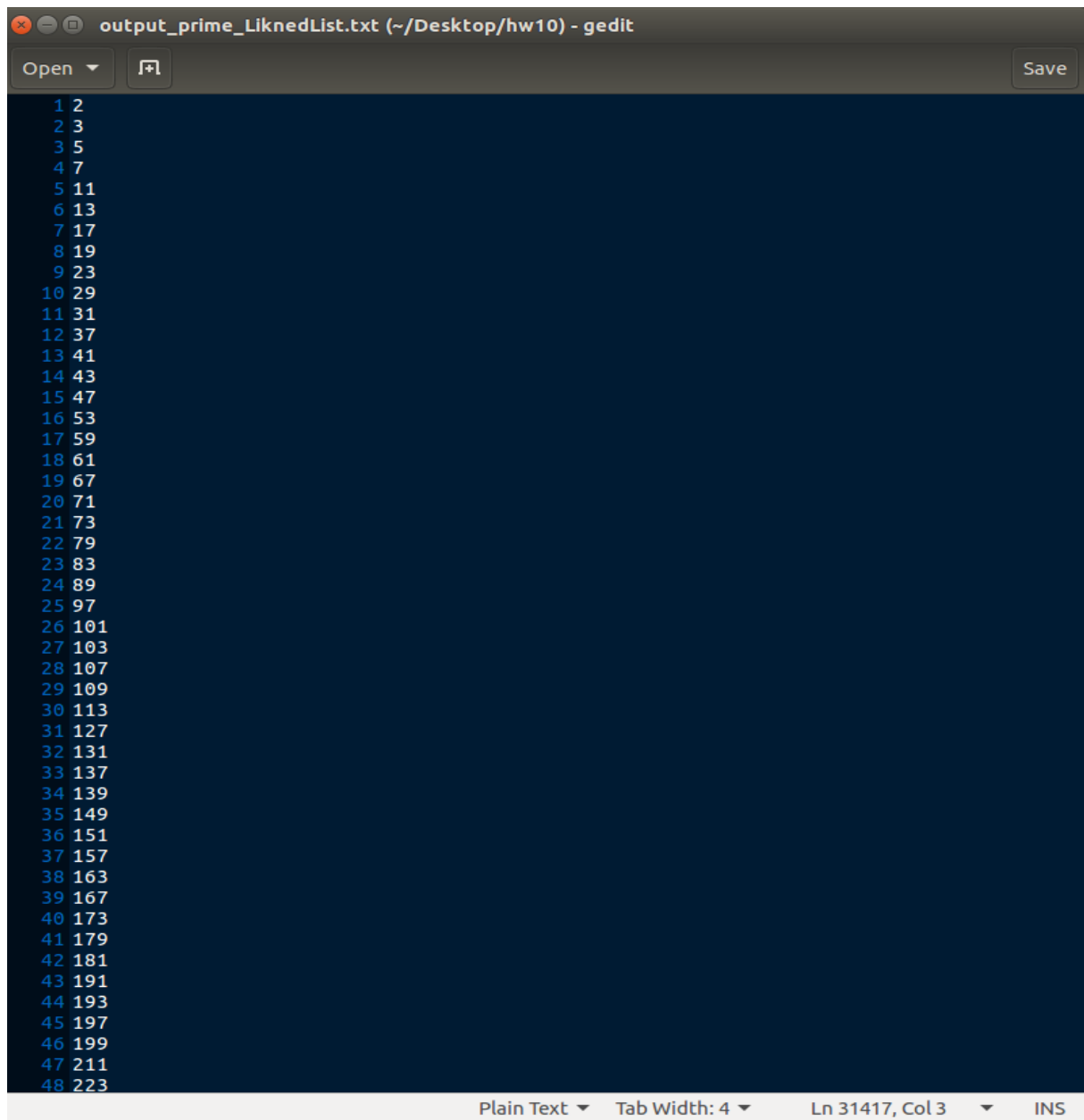
Plain Text ▼

Tab Width: 4 ▼

Ln 43705, Col 3 ▼

INS

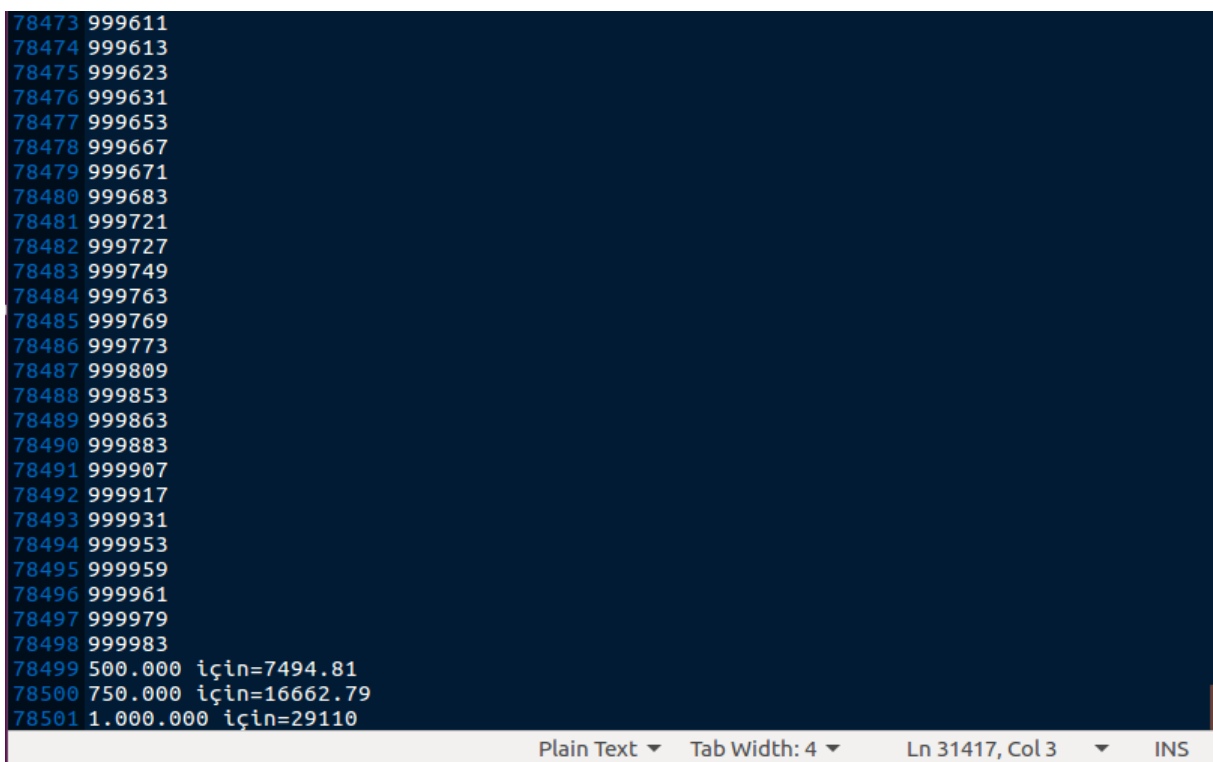
# THE PROCESS OF LINKED LIST HAS STARTED



A screenshot of a gedit window titled "output\_prime\_LiknedList.txt (~/Desktop/hw10) - gedit". The window contains a list of prime numbers and their indices, starting from 1 and ending at 48. The status bar at the bottom indicates "Plain Text", "Tab Width: 4", "Ln 31417, Col 3", and "INS".

```
1 2
2 3
3 5
4 7
5 11
6 13
7 17
8 19
9 23
10 29
11 31
12 37
13 41
14 43
15 47
16 53
17 59
18 61
19 67
20 71
21 73
22 79
23 83
24 89
25 97
26 101
27 103
28 107
29 109
30 113
31 127
32 131
33 137
34 139
35 149
36 151
37 157
38 163
39 167
40 173
41 179
42 181
43 191
44 193
45 197
46 199
47 211
48 223
```

THE PROCESS OF LINKED LIST HAS TERMINATED.



A screenshot of a gedit window showing memory addresses and values. The status bar at the bottom indicates "Plain Text", "Tab Width: 4", "Ln 31417, Col 3", and "INS".

```
78473 999611
78474 999613
78475 999623
78476 999631
78477 999653
78478 999667
78479 999671
78480 999683
78481 999721
78482 999727
78483 999749
78484 999763
78485 999769
78486 999773
78487 999809
78488 999853
78489 999863
78490 999883
78491 999907
78492 999917
78493 999931
78494 999953
78495 999959
78496 999961
78497 999979
78498 999983
78499 500.000 için=7494.81
78500 750.000 için=16662.79
78501 1.000.000 için=29110
```