

Output for Even-Odd Tabulation Techniques

1. Using Boolean Array

```
PS C:\Users\priya\Desktop\jn\CSN-221-Project> gcc .\EOT.c
PS C:\Users\priya\Desktop\jn\CSN-221-Project> ./a
Total access time for all cases in fully associative technique is 6.345000
Average access time for fully associative technique is 0.000006
Hits 221457
Misses 778543
Total 1000000
Total access time for all cases in EOT is 5.792000
Average access time for EOT is 0.000006
Hits 221457
Misses 778543
Total 1000000
PS C:\Users\priya\Desktop\jn\CSN-221-Project> ./a
Total access time for all cases in fully associative technique is 4.470000
Average access time for fully associative technique is 0.000004
Hits 222087
Misses 777913
Total 1000000
Total access time for all cases in EOT is 4.136000
Average access time for EOT is 0.000004
Hits 222087
Misses 777913
Total 1000000
PS C:\Users\priya\Desktop\jn\CSN-221-Project> ./a
Total access time for all cases in fully associative technique is 7.055000
Average access time for fully associative technique is 0.000007
Hits 221996
Misses 778004
Total 1000000
Total access time for all cases in EOT is 6.421000
Average access time for EOT is 0.000006
Hits 221996
Misses 778004
Total 1000000
PS C:\Users\priya\Desktop\jn\CSN-221-Project> ./a
```

In last case –

Time for fully associative cache – 7.055

Time using EOT – 6.421

2.Using Stack Approach

```
Total access time for all cases in fully associative technique is 7.115000
Average access time for fully associative technique is 0.000007
Hits 221368
Misses 778632
Total 1000000
Total access time for all cases in EOT is 4.444000
Average access time for EOT is 0.000004
Hits 221368
Misses 778632
Total 1000000
PS C:\Users\priya\Desktop> ./a
Total access time for all cases in fully associative technique is 4.409000
Average access time for fully associative technique is 0.000004
Hits 220843
Misses 779157
Total 1000000
Total access time for all cases in EOT is 2.592000
Average access time for EOT is 0.000003
Hits 220843
Misses 779157
Total 1000000
PS C:\Users\priya\Desktop> ./a
Total access time for all cases in fully associative technique is 4.250000
Average access time for fully associative technique is 0.000004
Hits 221302
Misses 778698
Total 1000000
Total access time for all cases in EOT is 2.695000
Average access time for EOT is 0.000003
Hits 221302
Misses 778698
Total 1000000
PS C:\Users\priya\Desktop> ./a
Total access time for all cases in fully associative technique is 4.674000
Average access time for fully associative technique is 0.000005
Hits 221161
Misses 778839
Total 1000000
Total access time for all cases in EOT is 2.817000
Average access time for EOT is 0.000003
Hits 221161
Misses 778839
Total 1000000
PS C:\Users\priya\Desktop> ■
```

In last case-

Time in fully associative cache- 4.674

Time using EOT and stack approach-2.817