

**AI -1**  
**Assignment – 4**  
**Depth Level vs Running Time**

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<b>Depth</b>	<b>Running Time</b>
1	0m0.016s
2	0m0.018s
3	0m0.017s
4	0m0.018s
5	0m0.020s
6	0m0.019s
7	0m0.019s
8	0m0.018s
9	0m0.020s
10	0m0.021s
11	0m0.022s
12	0m0.021s
13	0m0.029s
14	0m0.022s
15	0m0.023s
16	0m0.028s
17	0m0.031s
18	0m0.026s
19	0m0.028s
20	0m0.032s
21	0m0.035s
22	0m0.029s
23	0m0.030s
24	0m0.030s
25	0m0.031s
26	0m0.033s
27	0m0.055s

28	0m0.031s
29	0m0.050s
30	0m0.034s
31	0m0.038s
32	0m0.063s
33	0m0.037s
34	0m0.036s
35	0m0.036s
36	0m0.039s
37	0m0.043s
38	0m0.039s
39	0m0.046s
40	0m0.035s
41	0m0.041s
42	0m0.041s
43	0m0.046s
44	0m0.045s
45	0m0.043s
46	0m0.040s
47	0m0.043s
48	0m0.043s
49	0m0.042s
50	0m0.043s

**Note: There is no significant increase in the running time after the depth level 50**