Nama : Muhammad Alfisyahrie Riyanto

NBI : 1462200003

Kelas : A – Kecerdasan Artifisial

Penugasan Terstruktur 4

Initial State

| 1 | 2 | 3 |
|---|---|---|
| 4 | 8 | 5 |
| 7 | 6 | |

GOAL

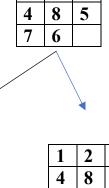


h=3

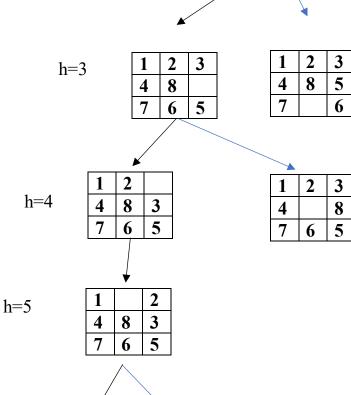
Depth First Search

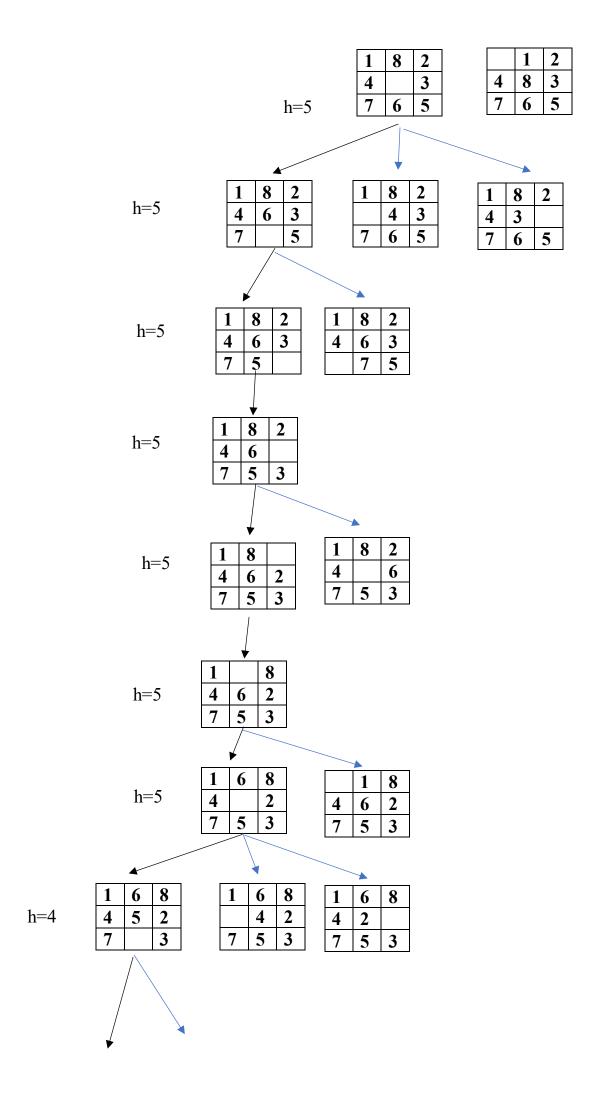
Fungsi Heuristic (H) berdasarkan jumlah ubin yang terletak pada

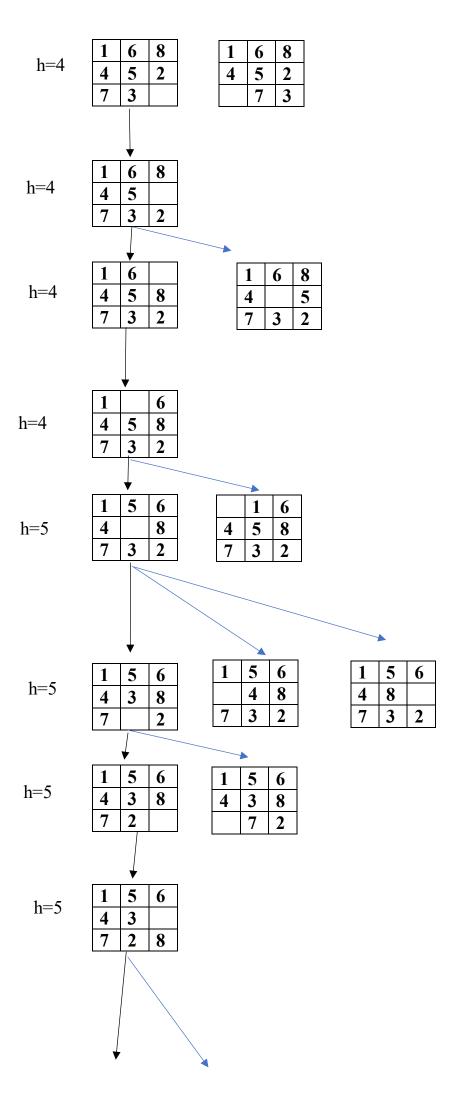
posisi yang salah

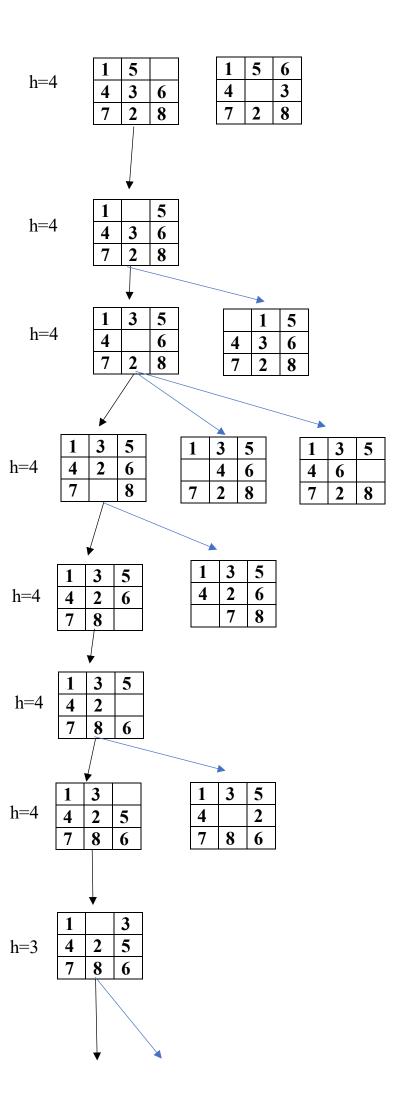


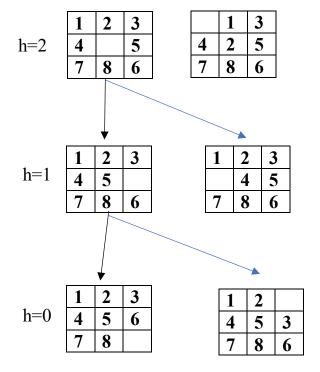
3





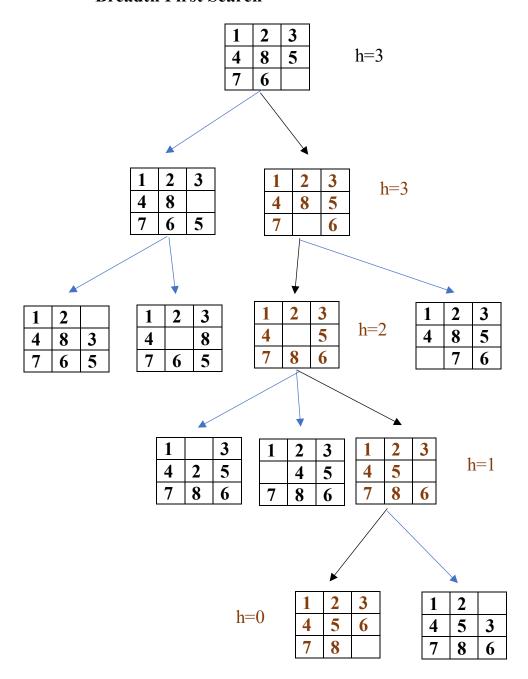






Total Nilai Heuristik Depth First Search =

Breadth First Search



Total Nilai Heuristik Breadth First Search =

Kesimpulan

Nilai Heuristik Breadth First Search (9) lebih kecil dari pada Nilai Heuristik Depth First Search (104), Jadi Solution-path yang terbaik adalah melalui Breadth First Search.