**Permainan Eight Puzzle**

**Algoritma Pencarian Blind : BFS dan DFS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | State awal | State Akhir | **Breadth First Search (BFS)** | | **Depth First Search (DFS)** | |
| Solusi di level.. | # Node yang dilalui | Solusi di level.. | # Node yang dilalui |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |

Analisa Perbandingan antara algoritma pencarian BFS dan DFS :

**Algoritma Pencarian Heuristik : Best First Search (Best FS) dan A\***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | State awal | State Akhir | **Best First Search (Best FS)** | | **A\*** | |
| Solusi di level.. | # Node yang dilalui | Solusi di level.. | # Node yang dilalui |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |

Analisa Perbandingan antara algoritma pencarian Best FS dan A\* :

Analisa Perbandingan antara algoritma pencarian Blind dan Heuristik :