Nama : Ivan Andrianto

NIM : F1D018027

Kelas : B

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| **Latihan 2** | |
| **Open-list** | **Closed-list** |
| [(M, 0)] | [] |
| [(A, M), (D, M)] | [(M, 0)] |
| [(D, M), (B, A)] | [(M, 0), (A, M)] |
| [(B, A), (C, D), (I, D)] | [(M, 0), (A, M), (D, M)] |
| [(C, D), (I, D), (C, B)] | [(M, 0), (A, M), (D, M), (B, A)] |
| [(I, D), (C, B), (E, C)] | [(M, 0), (A, M), (D, M), (B, A), (C, D)] |
| [(C,B), (E,C), (J, I)] | [(M, 0), (A, M), (D, M), (B, A), (C, D), (I,D)] |
| [(J, I), (F, E), (H, E), (I, E), (T, E)] | [(M, 0), (A, M), (D, M), (B, A), (C, D), (I,D), (E,C)] |
| [(F, E), (H, E), (I, E), (T, E)] | [(M, 0), (A, M), (D, M), (B, A), (C, D), (I,D), (E,C), (J, I)] |
| [(H, E), (I, E), (T, E), (G,F)] | [(M, 0), (A, M), (D, M), (B, A), (C, D), (I,D), (E,C), (J, I), (F, E)] |
| [(I, E), (T, E), (G,F), (T,H)] | [(M, 0), (A, M), (D, M), (B, A), (C, D), (I,D), (E,C), (J, I), (F, E), (H, E)] |
| [(G,F), (T,H)] | [(M, 0), (A, M), (D, M), (B, A), (C, D), (I,D), (E,C), (J, I), (F, E), (H, E), (T, E)] |

Lintasan dari M ke T adalah: MDCET

Jalur pencarian ke T adalah: MADBCIEJFHT

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| **Latihan 4** | |
| **Open-list** | **Closed-list** |
| [(M, 0)] | [] |
| [(A, M), (D, M)] | [(M, 0)] |
| [(B, A), (D, M)] | [(M, 0), (A, M)] |
| [(C, B), (D, M)] | [(M, 0), (A, M), (B, A)] |
| [(E, C), (D, M)] | [(M, 0), (A, M), (B, A), (C, B)] |
| [(F, E), (H, E), (I, E), (T, E), (D, M)] | [(M, 0), (A, M), (B, A), (C, B), (E, C)] |
| [(G, F), (H, E), (I, E), (T, E), (D, M)] | [(M, 0), (A, M), (B, A), (C, B), (E, C), (F, E)] |
| [(H, E), (I, E), (T, E), (D, M)] | [(M, 0), (A, M), (B, A), (C, B), (E, C), (F, E), (G, F)] |
| [(T, H), (I, E), (T, E), (D, M)] | [(M, 0), (A, M), (B, A), (C, B), (E, C), (F, E), (G, F), (H, E)] |
| [(I, E), (T, E), (D, M)] | [(M, 0), (A, M), (B, A), (C, B), (E, C), (F, E), (G, F), (H, E), (T, H)] |

Lintasan dari M ke T adalah: MABCEHT

Jalur pencarian ke T adalah: MABCEFGHT