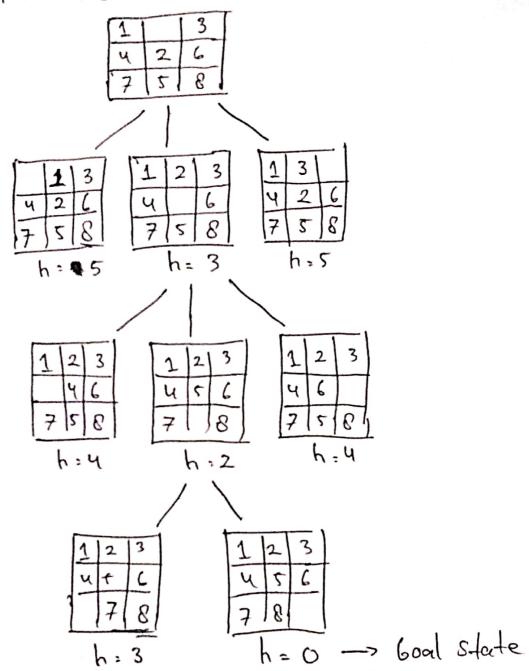
NIM : FIDO 18027 Kelas : B Tugas 2 Al -o Initial State 1. kanan -1 |bawah bauch bawah kanan 5 Goal State

Nama: Ivan Andrianto

2. Ket: h = jumlah yang menempati posisi yang salah



a) UCS · S ->
· As(10), Es(10), Bs(25), Cs(20), Ds(25) ->
· Escio), BSA(20), BS(25), CS(30), DS(35), GEA(WO) ->
· BSA(20), BS(25), DSE(25), (S(30), JSE(30), DS(35), GSA(100) ->
· BSC25), DEC25), FEAB(25), CE(20), JEE(20), DEC35), KEAB(70)
• FSAB(25), CS(36), JGE(36), PS(35), HSED(30), KSAB(70), LGED(77), GSAG(100) • CS(30), JGE(36), DS(85), HSED(50), KSABF(GG), KSAB(70), LGED(77), GGAG(30)
• JSE(30), DS(35), HSED(00), KSABF(GS), HSC(70), KSAB(70), LSED(77), GSA-(LDD) • DS(35), HSED(50), KSABF(GS), HSC(70), KSAB(70), MSEJ(70), LSED(77), GSA-(LDD)
· KSABF(CF), HSC(70), KSAB(70), MSEJ(70), LSEDH(75), LSED(77), GEAE(100) ->
 HSC(70), KSAB(70), MSEJ(70), LSEDH(65), LSED(77), GSABEK(95), GSA- (100). LSEDH(65), LSED(77), GSABEK(95), GSA-(100), GSEJM(150) ->
· LSGO (77), GSABFK(95), GSAE(100), GSEOHL(105), GSEIM(150) ->
G ditemukan: Lintesan -> SABFKG, cost: 95 Jalur -> SAEBDFCJHKMLG
b. Simple Hill Climbing:
Pari S: A, (B), C, D, E 80 80 (c) 70 85 74
Dari B: F. (R) Lintasan: SBKG, Cost: 105
Dari K: (6)
C. Steepest Hill Climbing
Dari S: A, (B) C, D, E 80 80 (60) 70 85 74
Pari B: F, (K) Lintasan: SBKG, Cost: 105
Pori $k: \begin{pmatrix} G \\ O \end{pmatrix}$