LAB 5a

Rules:

Ro: S, (a, b, C, d, e): - S. (a, b, c, d, e)

R.: 5, Ca, b, c, d, e]:- 32 (b, c, d, e, a)

Rz: 5, (4,6,c,d,e): - 5, (6,c,d,e,a)

R3: 5, (a, b, c, d, e): - S, (b, a, c, d, e)

Rr: S3 (a,f,b,9,c,h,d,i):- S, (a,b,c,d,e), S2 (f,9,h,i,j)

Rs: Sq(a,b,c,d,l):-S3(a,b,Z,y,C,d,e,i),S5(m,n,x,y,Z)

Rx: S5(a,a,c,d,e):-Sq(a,b,c,d,e),S5(a,w,x,y,Z)

Rx: S5(a,b,c,d,e):-S5(e,a,b,c,d)

Dependinen graph

Vutput

Ro:

Ri R2

Ri R2

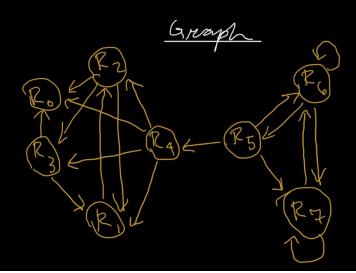
Ri R0, R, R3

Rq: R0, R, R2, R3

Rb: RA, Ru, Rq

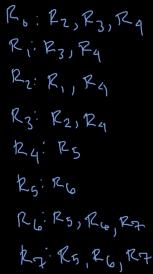
Ru' R5, Ru, RT

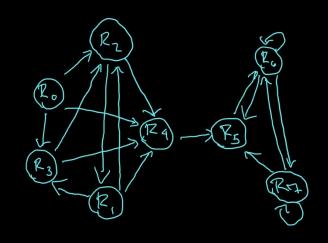
Rq: Ro, RT



Reverse Dependency grayon Output

Graph





DF3 on Reverse Rependency Greaph

Postordor fist Visited A by fist Stack DFS Forest [Ro, Rz, R1, R3] (Ro, R1, R1, R3, R4, R5, R2) E, Rz, R, R3, Rq, R5, R6, K7]

DFS on Reverse of Bost Order to get SCC3

