

OUTPUT :-

Resource Allocation Graph:

R2 -> P1

R1 -> P2

P2 -> R2

P1 -> R1

Deadlock detected in the system!

After releasing resource R2 from P1:

Resource Allocation Graph:

R2 ->

R1 -> P2

P2 -> R2

P1 -> R1

No deadlock detected in the system.