**PRACTICAL 1**

**AIM:**

**CODE:**

library(igraph)

g = graph.formula(A-B,B-C,C-D)

ecount(g)

vcount(g)

E(g)

V(g)

degree(g)

degree(g,mode="in")

dg = graph.formula(A-+B,B+-C,C++D)

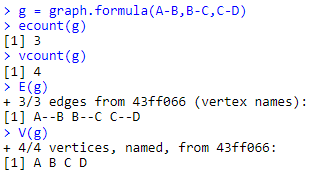
V(g) $name[degree(g)==min(degree(g))]

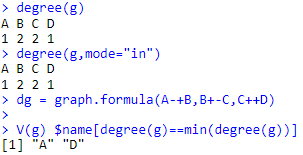
get.adjlist(g)

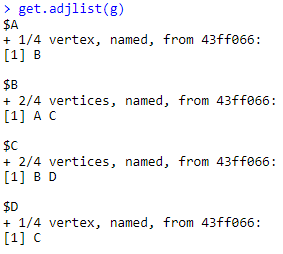
get.adjlist(dg)

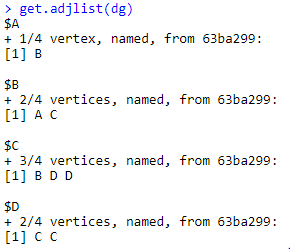
get.adjacency(dg)

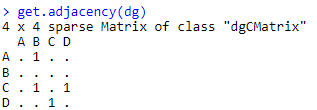
**OUTPUTS:**

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