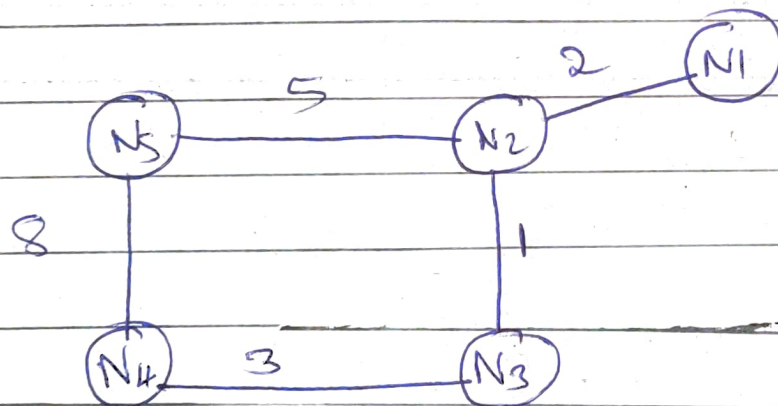# Computer Networks

Distance Vector routing protocol

Distance vector routing protocol is implemented at network layer.
It is used for building routing table for router and so finding the best path to transmit packets from source to destination

Here, after every pass, the distance vector of each router is shared with its neighbour and using this information entire routing table of all routers in a topology is built.

N1		
Dest	Dist	Nex
N1	0	N1
N2	2	N2
N3	∞	-
N4	∞	-
N5	∞	=

A basic Topology