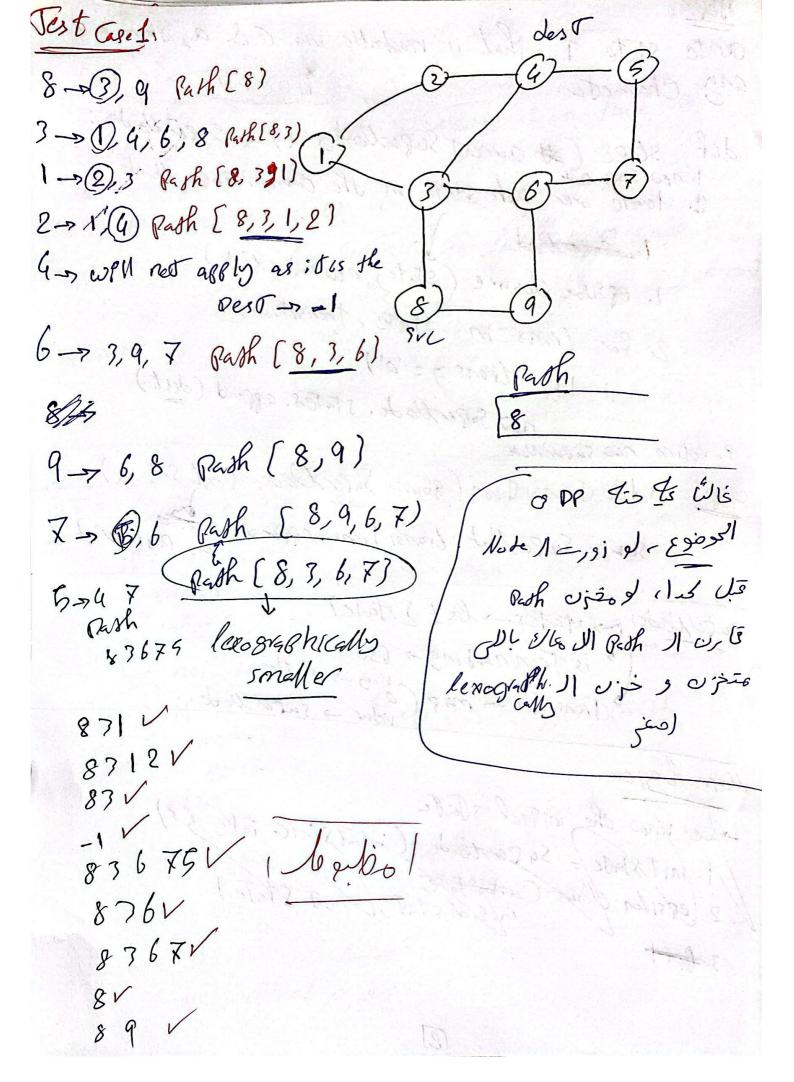
Roblem Definition: 1. We have a proto-Gel called (DSR) Routing 2 Bur good is to find the voute and save them for Cach rode, from source to destination 3. Each node broad Casts a voute request to all its neighbow's with each neighbow bread cast the Frethet to all his neighbows except the one which has, sent the packet & the previously visited. I wis An 4. The process is repended till reaching the Des Time Tron. 5. the Discovery Process creates a voute from the src to the destination, which is added to the route Cach of each note. - depo 6. We can't de simulate this Process. nont: src-s dest n sitt nodes m > # coges Out Out: She push Sower, Led in she RREQ for call veros 1 < m < (n(n-1))/2 Constrains 2 < n < 600



I Read she Graph as list great # as strings Algorothm. 2. store she src & she des Tina Vion 3. Overle a visiTed array to mark is a node is 4 crease ensty string to contain the Pach. greviously visited. 5 Crease a map to contain the Path From each robe 6. apply Ofs From the SVC (G, VI, SIC, "sic") Mema) The Is not mered in mene >=1 (n) Folize memelone) = sicc a stand hardinant a factor let W) (S/C) = JM self and officer of the grant state OFS (&Graph, Suls, SVC, Parh) memo Jdest) memc[src] = msn ( path, memo[src]) if (mone (src)) for net in Graph [src] (showe meme (nes) = min (Pash + nei, meno(nei)) cohome Pach += net pach } and Condition else OFS (G, VII, Nei, Pach, mene) Min - 1. sher for in langth

Min - 1. showashad a de