Graphs Dec 1 COMP 2402 G=(V,E) path: 10-2 Cycle, 7-0-4 reachable: 5 > 6 X 675V in-oregreci: # of edges to i adjacent out olageera: # of eclips from i Adjacency Matrix o nemory requirement 0 0 0 0 o o in Edges (i) //o(n) 3 0 0 1 0 0 0 0 0 1 0 1 1 0 List edges = New List (); 0 0 0 1 0 for (j=0 for 1) { 0010 1 0 0 000001000 o if (acj)[i] ==1) 8 0000010001 0 0 0 0 0 0 0 0 source & c destination addedgelij)
aciscjs=1 //01) out Edges (i) // o(n) ** List edges = new List (); for (j=0 to n-1) { if (a tistiz) == 1) { remove Edge (i,j)
a [i] I[j] = 0 = 1/001) edges. add(j); has Edge (inj) roturn atiJEjJ == 1 /1000

	A a b c d a o o 1 6 b 1 0 0 1 c 1 0 0 0
adj 0 148 1 2 add Ed 2 34 adj Ei 3 2 remover 5 38 adj Ei 6 5 7 018 has Ed	d 0 1 1 0
outedges(i) //oc1) return adj[i]	in Edges (i); // O(n+m) List edges for (j=0 to n-1) if cadj[i]. contains (i)) { edges. add (j); }

