negative weighted cycle 2->3->4->2 tot weight =-1 →3→2: -6 1-3-2-2-3-2:-7

since assumed 9 has no negative weighted tycle Shortest walk from Stov a walk of less weight 2 1-2 64-1-1-3 1 1-3-3-4-31-34-32 tot wei=-1 Lycle wei= 3 if remove cycle, tot wei=-4