I hereby pleage on my honor that I will strictly andhore to accordance integrity codes and the work done on this examination is solely my own and I will not receive give any help from 140 anybody or source away 1 this examination. 4min Graph } public class Graphtlash implement 5 private class Edge & public Edge (Mt 5,1/4 d) private int sorce; private int desti this same = s! private doble neight? this.dest=d; public Edge (mt s,mt d)} this. weight = w; this. some = S; this. dested; this weight = 1.0; private MashSet < Edge > hSet; pb/c GraphSet (int numu); this. hSet = new Hoshsel < Edge >();

this. numV = numV; phic prodd (mt source, mt dest) } Edge demp= new Edge (surp, dest); if (inspt. contains (temp)) hspt-odd (temp)); 3 . M(1 = 1 = 1 = 2 (max)) public void remove (M+ Source, M+ dest) } Edge temp= new Edge (source, dest); # (Uset. contains (temp)) Liset. remove (temp), public boden howEdge (int source, M+ dest)} return Inset. contains (now Edge (source, dest));

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Baris Ayridia 1901042252 CSE Edge edge (Int source, int dost) } Edge temp = non Edge (source, dess); ix(NSet. contains (temp)) return temp; return mull, int non () freturn num 13 private class HaishCaraphteralar Edge > implements [tendor < Fidge > 5 private int source; private int curson; public Hash Chaph Hardor (Mt Source) & this - some = some; this. Cursur = 0; TO THE adfust Consor (); private void adjust (cusor() { while (curson a num VI) & I hast contains (new £ege (source) cusor++; public boolean horsNext()} return cusor != numv();} Edge next()} Edge temp= now Edge (source, curson); andfrot (); return temp; public Heraton (Edge > edge Heraton (Mt source) } return new Hash Comph Handor (Source);