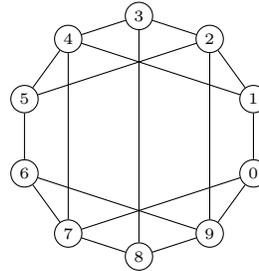
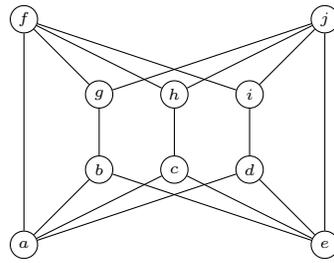




4. [2 points] Are the following graphs isomorphic? If so, then give an isomorphism. If not, then give a property that distinguishes the graphs.



5. [2 points] Let  $G$  be an  $n$ -vertex  $m$ -edge graph. Prove that  $G$  contains a vertex  $u$  whose degree  $d(u)$  is at least  $2m/n$ .