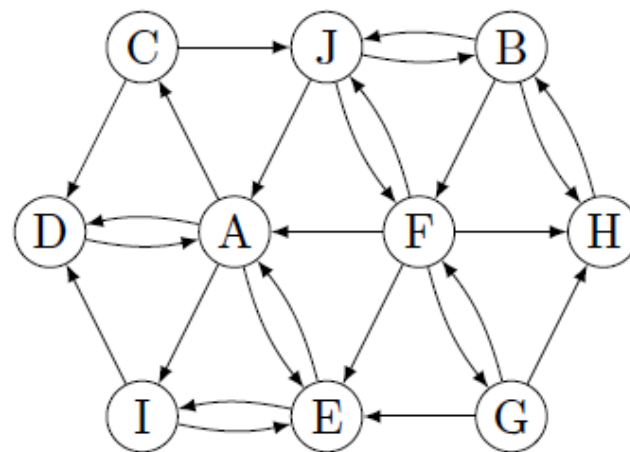


Consider a depth-first search (DFS) of the graph below starting in vertex A, where the outgoing edges to a vertex are visited in alphabetical order. State in which order each vertex is assigned **finishing time**.



DIEGHFBJCA



DIEHGFBJCA



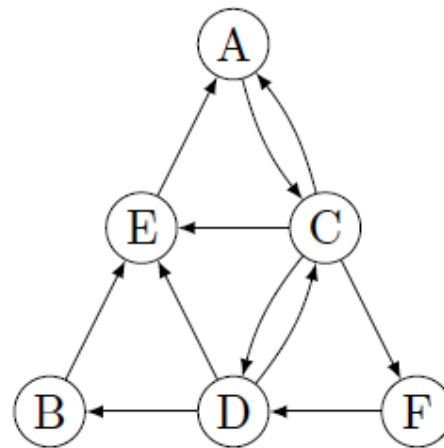
HGIEFBJDCA



DHEGFBIJCA



Consider a depth-first search (DFS) of the graph below starting in vertex A, where the outgoing edges to a vertex are visited in alphabetical order. State in which order each vertex is assigned **finishing time**.



EBDCFA



EDBFCA



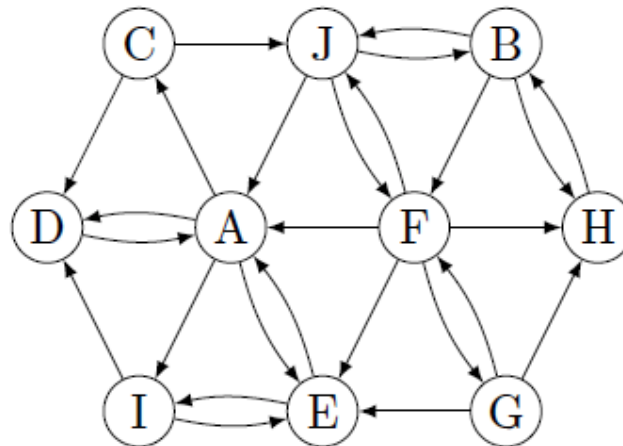
ECFDBA



EBDFCA



Consider a depth-first search (DFS) of the graph below starting in vertex A, where the outgoing edges to a vertex are visited in alphabetical order. State in which order each vertex is assigned **discovery** time.



ACJFEIDGHB



ACJBFGEHID



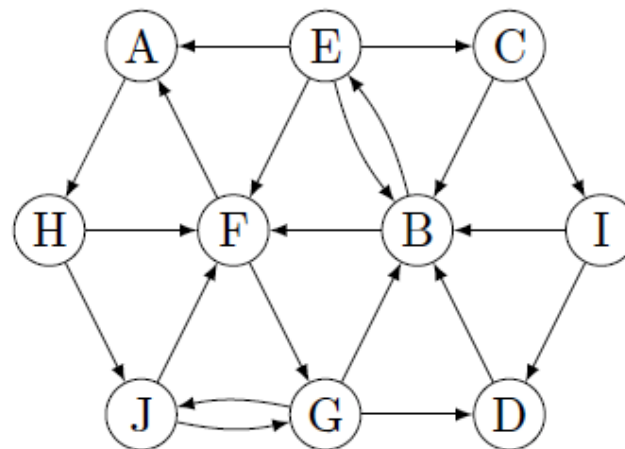
ACDJBFEIGH



ACDEIJBFGH



Consider a depth-first search (DFS) of the graph below starting in vertex A, where the outgoing edges to a vertex are visited in alphabetical order. State in which order each vertex is assigned **finishing time**.



JDICEBGFHA



DICEBGFJHA



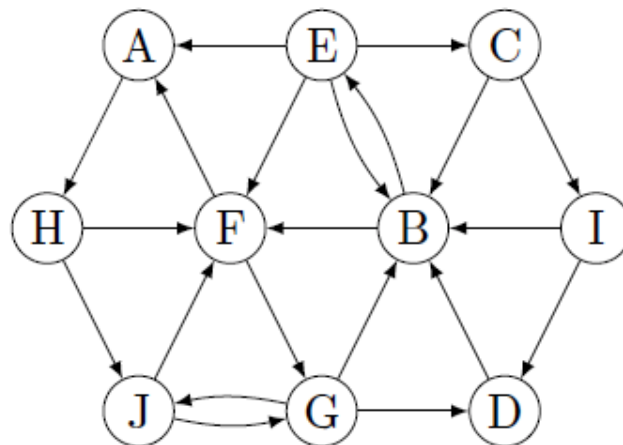
DICEBJGFHA



DICEBGFHJA



Consider a depth-first search (DFS) of the graph below starting in vertex A, where the outgoing edges to a vertex are visited in alphabetical order. State in which order each vertex is assigned **discovery time**.



AHFGBECIDJ



AHFJGBDECI



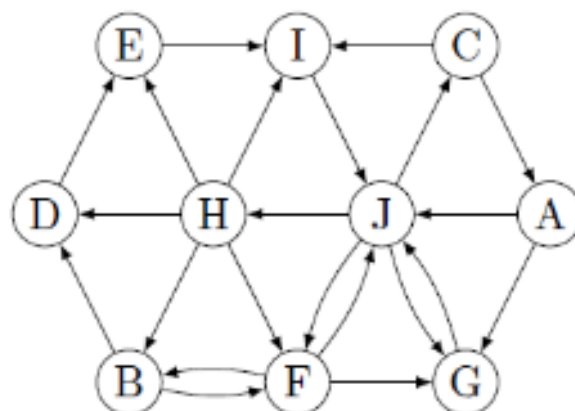
AHFGJBECID



AHJGBFECID



a. Consider a depth-first search (DFS) of the graph below starting in **vertex A**, where the outgoing edges to a vertex are visited in **alphabetical** order. State in which order each vertex is assigned **finishing** time.



ICEDBFHJGA



IEDBGFHCJA



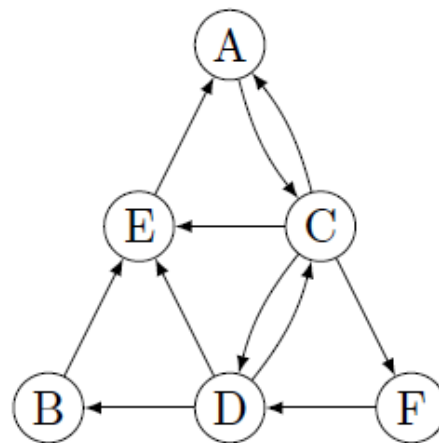
HEDBF ICJGA



EDBIHFCJGA



Consider a depth-first search (DFS) of the graph below starting in vertex A, where the outgoing edges to a vertex are visited in alphabetical order. State in which order each vertex is assigned **discovery time**.



ACFDEB



ACDEFB



ACFDBE



ACDBEF

