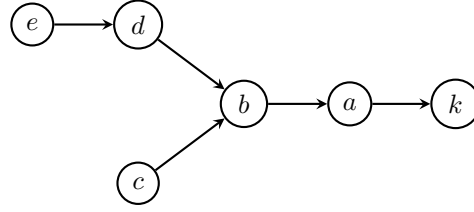
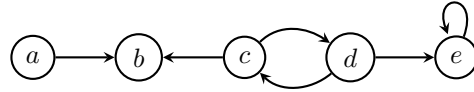


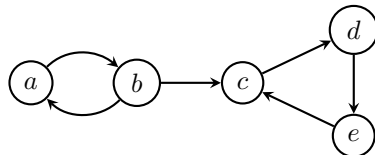
1. Given AF $F = (\{a, b, c, d, e, k\}, \{(e, d), (d, b), (b, a), (c, b), (a, k)\})$, depicted in the following figure.



- Proponent claims that a is labeled **in** in a preferred labeling of F . Implement your software to play a preferred discussion game for this claim.
 - Proponent claims that k is labeled **in** in a preferred labeling of F . Implement your software to play a preferred discussion game for this claim.
 - Implement your software to answer the credulous decision problem under your chosen semantics for a in F .
 - Implement your software to answer the credulous decision problem under your chosen semantics for k in F .
2. Given AF $F = (A, R)$ such that $A = \{a, b, c, d, e\}$ and $R = \{(a, b), (c, b), (c, d), (d, c), (d, e), (e, e)\}$, depicted in the following figure.



- Proponent claims that c is labeled **in** in a preferred labeling of F . Implement your software to play a preferred discussion game for this claim.
 - Proponent claims that d is labeled **in** in a preferred labeling of F . Implement your software to play a preferred discussion game for this claim.
 - Proponent claims that e is labeled **in** in a preferred labeling of F . Implement your software to play a preferred discussion game for this claim.
 - Implement your software to answer the credulous decision problem under your chosen semantics for c in F .
 - Implement your software to answer the credulous decision problem under your chosen semantics for d in F .
 - Implement your software to answer the credulous decision problem under your chosen semantics for a in F .
3. Given AF $F = (A, R)$ such that $A = \{a, b, c, d, e\}$ and $R = \{(a, b), (b, a), (b, c), (c, d), (d, e), (e, c)\}$, depicted in the following figure.



- Proponent claims that b is labeled **in** in a preferred labeling of F . Implement your software to play a preferred discussion game for this claim.
- Proponent claims that d is labeled **in** in a preferred labeling of F . Implement your software to play a preferred discussion game for this claim.

- Proponent claims that e is labeled **in** in a preferred labeling of F . Implement your software to play a preferred discussion game for this claim.
- Implement your software to answer the credulous decision problem under your chosen semantics for b in F .
- Implement your software to answer the credulous decision problem under your chosen semantics for d in F .
- Implement your software to answer the credulous decision problem under your chosen semantics for e in F .