1.

This model is bounded and safe , which means that it has a finite number of reachable states and there is no possibility of deadlock occurring.

A screenshot of a computer

Description automatically generated with medium confidence

2. Similar to model 1, also bounded and safe , finite number of reachable states, no potential deadlocks.

A screenshot of a computer

Description automatically generated with medium confidence

3. This model is unbounded and unsafe , suggesting that it has an infinite number of reachable states and there may be a possibility that deadlock will occur.

A screenshot of a computer

Description automatically generated with medium confidence

4. This model is bounded **but** unsafe. Indicates here that it has a finite number of reachable states , but there is a potential for deadlock occur.

A screenshot of a computer screen

Description automatically generated with medium confidence