Security models are used extensively to describe different frameworks for protecting and allowing access to resources. Many security models were discussed during the lecture.

# Instructions

For this assignment, prepare a comparison matrix of the following security models and their attributes using the table below:

1. Bell-LaPadula Confidentiality Model
2. Biba Integrity Model

|  |  |  |
| --- | --- | --- |
| **Model** | **Bell-LaPadula** | **Biba** |
| Addresses:  Confidentiality  Integrity | Confidentiality | Integrity |
| Reference model:  State machine  Multilevel lattice  Non-interference  Matrix-based  Information flow | Information flow  Multilevel lattice  State machine | Information flow  Multilevel lattice  State machine |
| Simple property | No read up | No read down |
| Star property | No write down | No write up |
| Strong star or invocation property | Read/write | Read/write |