**USC UPSTATE**

**CSCI 455: Computer Security**

**Spring 2019**

**Homework Assignment 1**

**Problem 1**

1. **[20 Points]** Give an example where compromise of confidentiality leads to compromise of authenticity.
2. **[20 Points]** Give an example where compromise of authenticity leads to compromise of confidentiality, integrity and availability.
3. **[20 Points]** Give an example where compromise of integrity leads to compromise of authenticity, confidentiality and availability.