

Question:

Draw an Access Control Matrix (ACM) for the statements below.

- Alice can climb trees and eat apples.
- Bob can climb fences, eat apples, and wave flags.
- Trees can hurt apples.
- Carol can jump waves and wave flags.

Answer:

| | Tree | Apples | Fences | Flags | Waves |
|-------|--------------|-------------|--------------|-------------|-------------|
| Alice | <u>climb</u> | <u>eat</u> | | | |
| Bob | | <u>eat</u> | <u>climb</u> | <u>wave</u> | |
| Trees | | <u>hurt</u> | | | |
| Carol | | | | <u>wave</u> | <u>jump</u> |