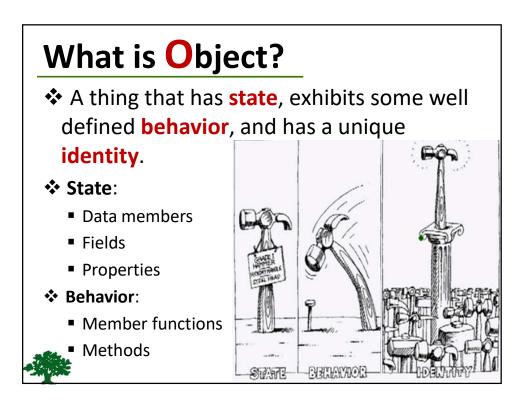
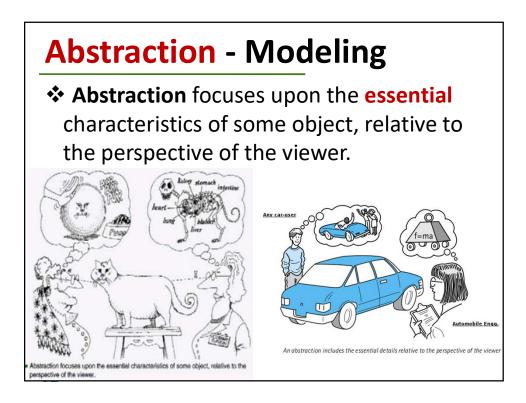


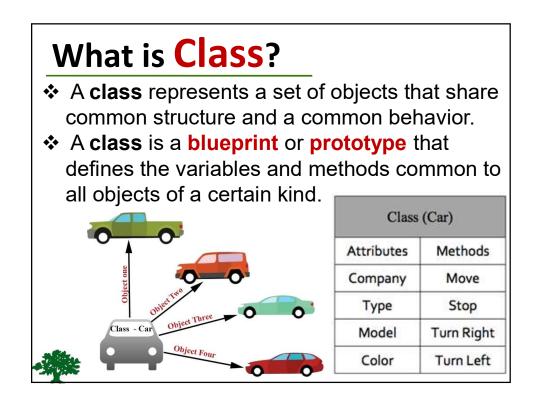
## Problems with Procedural Languages

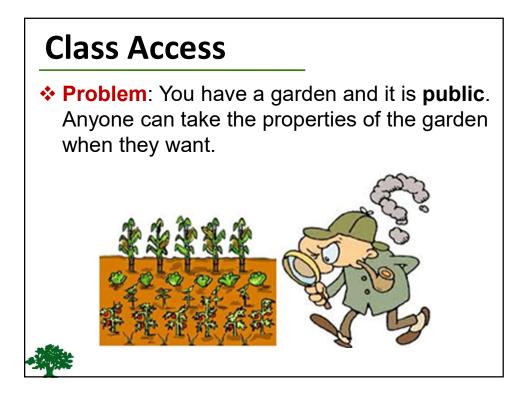
- Data does not have an owner.
- Difficult to maintain data integrity.
- Functions are building blocks.
- Many functions can modify a given block of data.
- Difficult to trace bug sources when data is corrupted.

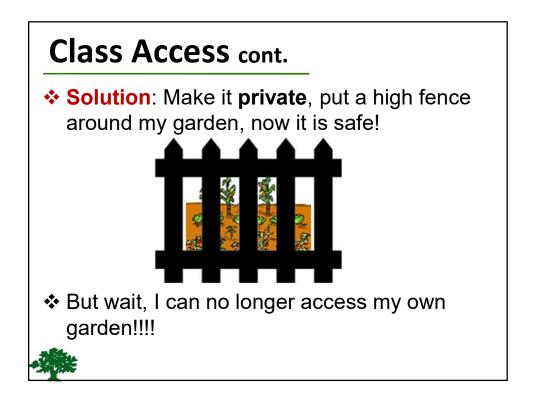




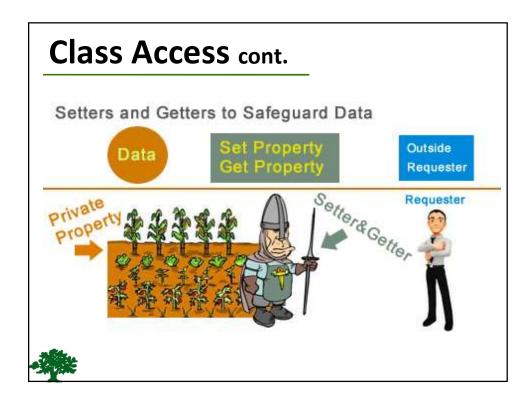


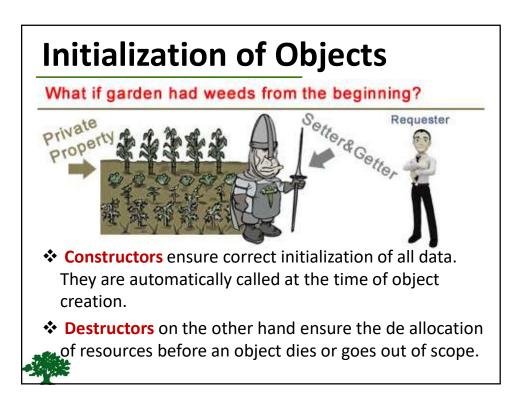












## Lifecycle of an Object

## **\* Born Healthy**:

Using constructors

- Lives Safely:
  - Using setters and getters

✤ Dies Cleanly:

Using destructors