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CSCD211

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Notes on Video:

* super keyword is a keyword in java
  + it is a reference class
* in order to use super you have to have a parent class and a child class
  + in order to have multiple classes in java, you need to have it labeled as
    - class Vehicle{}
    - class Car{}
      * you cannot declare these classes as public
* Classes take orders from variables and methods
  + Methods and variables are all a class needs
* To inherit a parent to child class you have to code like
  + Class Car extends Vehicle{}
    - Now the Car class knows everything(methods and variables) that are within the Vehicle class
* You can create another java folder and put them in the same package so you can create different files for different methods… Such as folders with your classes and a file for your main method.
* you can use the keyword super like
  + System.out.println(super.maxSpeed);
    - In order to take the primary maxSpeed
      * This allows you to have multiple variables declared as maxSpeed
        + This saves a lot of time when you code because you don’t have to retype all the different code that you typed earlier in your code
* The keyword super helps drastically organize and helps us use methods from the parent class without all the hassle.
  + super is mostly used with constructors
    - constructors are methods that set up an object
      * super is very very helpful
* if you type super(); it takes you to the super constructor(Vehicle).
  + Constructors can take in inputs such as Vehicle(int maxSpeed) {}
    - This.maxSpeed = maxSpeed; is very similar to super();