Video Name: Static Variables

Topics:

- static variables
- toString

Java Class(es): BankAccount

Static/Class variable means there’s only one copy shared by all instances

Syntax

Declare:

    private static int lastAccountNum;

Access:

    BankAccount.lastAccountNum++; {can also do just lastAccountNum++;}

toString

- method of Object class
- Eclipse can generate
- @Override is compiler annotation, used to ensure method signatures correct
- toString returns a string interpretation of the object (e.g., lists the instance variable values with labels)
- toString is automatically called when print object:

    BankAccount mine = new BankAccount("Jim", 5000);
    System.out.println(mine);  // calls toString!
    System.out.println(mine.toString());  // same thing

- if toString not defined, just prints the location of the object