Final Exam Stuff

CS170 Final Exam: **April 30th, 6:30-9:00 PM, White Hall 208**
(Except for those with conflicts, who should have received an e-mail with the date, time, and location for their CS170 Final)

CS170 Review Session (note the new time and room!!):
**Wednesday April 29th, 3:00-5:00 PM, MSC w201**
This will be a joint review session for all sections given by Dr. Swenson and Clarissa Garvey

Final Exam Study Guide now available via course calendar page!!
Lecture 35 (Last lecture folks!!):

Hooray for args array!
Calling all constructors!!
Can we swap?
To infinity, and beyond!!

Apr 24 2015
Using args array

If a java program is run with a Terminal command of
`java Program1 "Dr. Swenson" pizza 3.14 2015`

- What will be the length of `args` in the `main` method of `Program1`?
- What will be the value and datatype of the following:
  - `args[1]`
  - `args[2]`
  - `args[args.length-1]`
Valid constructor calls

Consider the constructors defined in the source file `Car.java`. Which of the following are valid calls to create a new `Car`?

A. `Car c1 = new Car("Volkswagen", "Beetle", 2001);`
B. `Car c2 = new Car(new Car("Volvo", "S40", 2006));`
C. `Car c3 = new Car("Toyota", "Supra");`
D. `Car c4 = new Car("Ford");`
E. `Car c5 = new Car("Chevrolet", "Task Force", 1956);`
   `Car c6 = new Car(c5.getMake(), c5.getModel(), c5.getYear());`
F. `Car c7 = new Car();`
Let’s Swap

Demo SwapTest.java

Good example of pass-by-value and what it means for variables with primitive datatypes, vs. variables with reference datatypes.
Which of the following conditions creates an infinite loop?

```c
int i = 0;
while (-------------){i = i + 3;}
```

A. (i > 20)
B. (i < 20)
C. (i < -20)
D. (i > -20)
E. (i != 20)
Thanks for a great semester!!