



## Peer Instruction

# Inheritance



## Which is the incorrect statement about implicit or explicit constructor chaining?

Please select the single incorrect answer.

- A. Implicit chaining is when the compiler inserts default constructors.
- B. Explicit chaining requires the programmer to insert constructors.
- C. When chaining, the super class constructor must be called first.
- D. The programmer can explicitly chain default constructors.
- E. Implicit chaining applies when there is no default constructor.

Constructor Chaining



cs165: Peer 3 - Polymorphism - Spring Semester 2017

Question - 1



## Which is the incorrect statement about implicit or explicit constructor chaining?

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- B. Explicit chaining requires the programmer to insert constructors.
- C. When chaining, the super class constructor must be called first.
- D. The programmer can explicitly chain default constructors.
- E. **Implicit chaining applies when there is no default constructor.**

Constructor Chaining



cs165: Peer 3 - Polymorphism - Spring Semester 2017

Question - 1



## What will be printed when Dog is instantiated in the following ?

```
public class Dog extends Animal {
    public Dog() {
        System.out.println("Dog");
    }
}
```

```
public class Animal {
    public Animal(String name) {
        System.out.println("Animal");
    }
}
```

A. Dog

B. Dog

Animal

C. Animal

Dog

D. Animal

E. None of the above



cs163/164: Peer 8: Classes and Objects - Fall Semester 2016

Question - 3





What will be printed when Dog is instantiated in the following?

```
public class Dog extends Animal {
    public Dog() {
        System.out.println("Dog");
    }
}
```

```
public class Animal {
    public Animal(String name) {
        System.out.println("Animal");
    }
}
```

A.Dog

B.Dog

Animal

C.Animal

Dog

D.Animal

**E. None of the above**



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Question - 4



What will be printed when Dog is instantiated in the following?

```
public class Dog extends Animal {
    public Dog() {
        super("Alice");
        System.out.println("Dog");
    }
}
```

```
public class Animal {
    public Animal(String name) {
        System.out.println("Animal");
    }
}
```

A.Dog

B.Dog

Animal

C.Animal

Dog

D.Animal

**E. None of the above**



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Question - 5



What will be printed when Dog is instantiated in the following?

```
public class Dog extends Animal {
    public Dog() {
        super("Alice");
        System.out.println("Dog");
    }
}
```

```
public class Animal {
    public Animal(String name) {
        System.out.println("Animal");
    }
}
```

A.Dog

B.Dog

Animal

**C. Animal**

Dog

D.Animal

E. None of the above



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Question - 6

