

Inheritance Part II

Abstract classes:

- Abstract class
 - final keyword
 - protected access modifier
 - constructor inheritance
-

```
public abstract class FarmAnimal {  
    • • •  
}
```

Abstract classes cannot be created
with NEW

```
public abstract class FastFoodRestaurant {  
    BigDecimal yearlySales;
```

```

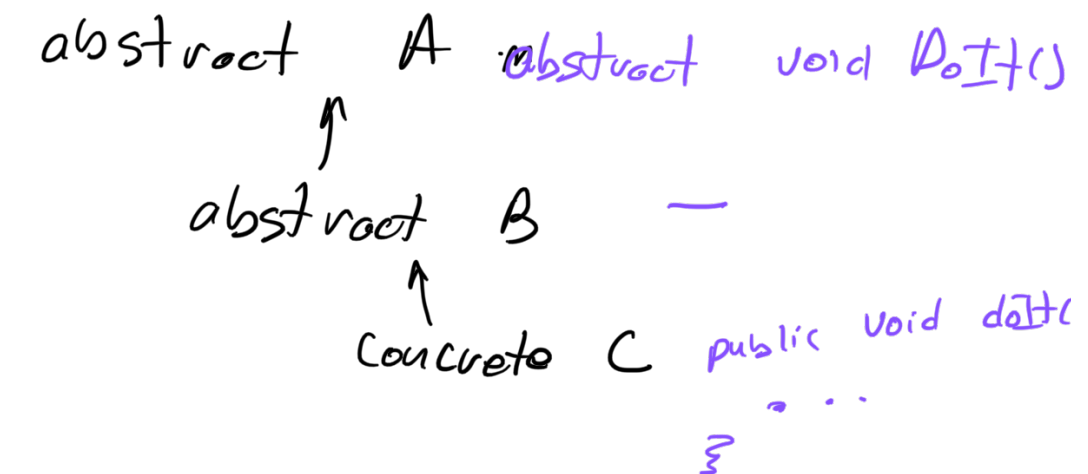
public BigDecimal getYearlySales() {
    return this.yearlySales;
}

public abstract void showMenu();

```

note: abstract methods are to be filled out by subclasses.
 in Visual Basic the abstract keyword is "MustInherit"

When a concrete class inherits an abstract class all abstract methods must be given an implementation.



Access Modifiers

Public → available everywhere

private → only visible in this class

protected → visible in my package
namespace

descendants

package visible

default
(no mod.)