Period 1
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UML Diagrams
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Cucumber.java (abstract class)
Instance variables: - name: String - nutrition: int - ripeDuration: int - value: int
Methods: + void grow() + void plant() + int getNutrition() + int getRipeDuration() + int getDaysToGrow() + int getValue() + void setRipeDuration(int) + String toString()

CucumberA.java (extends Cucumber)
Instance variables: (inherited from Cucumber) - *name: String* - *nutrition: int* - *ripeDuration: int* - *value: int*
Methods: + String about() + String toString() (inherited from Cucumber) + *void grow()* + *void plant()* + *int getNutrition()* + *int getRipeDuration()* + *int getToDaysGrow()* + *int getValue()* + *void setRipeDuration(int)*

CucumberB.java (extends Cucumber)

Instance variables:

(inherited from Cucumber)
- *name: String*
- *nutrition: int*
- *ripeDuration: int*
- *value: int*

Methods:

+ String about()
+ String toString()

(inherited from Cucumber)
+ *void grow()*
+ *void plant()*
+ *int getNutrition()*
+ *int getRipeDuration()*
+ *int getToDaysGrow()*
+ *int getValue()*
+ *void setRipeDuration(int)*

CucumberC.java (extends Cucumber)

Instance variables:

(inherited from Cucumber)
- *name: String*
- *nutrition: int*
- *ripeDuration: int*
- *value: int*

Methods:

+ String about()
+ String toString()

(inherited from Cucumber)
+ *void grow()*
+ *void plant()*
+ *int getNutrition()*
+ *int getRipeDuration()*
+ *int getToDaysGrow()*
+ *int getValue()*
+ *void setRipeDuration(int)*

CucumberD.java (extends Cucumber)

Instance variables:

(inherited from Cucumber)
- *name: String*
- *nutrition: int*
- *ripeDuration: int*
- *value: int*

Methods:

+ String about()
+ String toString()

(inherited from Cucumber)
+ *void grow()*
+ *void plant()*
+ *int getNutrition()*
+ *int getRipeDuration()*
+ *int getToDaysGrow()*
+ *int getValue()*
+ *void setRipeDuration(int)*

CucumberE.java (extends Cucumber)

Instance variables:

(inherited from Cucumber)
- *name: String*
- *nutrition: int*
- *ripeDuration: int*
- *value: int*

Methods:

+ String about()
+ String toString()

(inherited from Cucumber)
+ *void grow()*
+ *void plant()*
+ *int getNutrition()*
+ *int getRipeDuration()*
+ *int getToDaysGrow()*
+ *int getValue()*
+ *void setRipeDuration(int)*

Farm.java

Instance variables:

- farm: ArrayList[][] <String>

Methods:

+ String getCucumber(int, int)
+ String setCucumber(int, int, String)
+ String toString()

User.java

Instance variables:

- money: int

Methods:

+ void plant(int,int, Object)
+ void harvest(int, int)
+ int getMoney()
+ void setMoney(int)

Woo.java

Instance variables:

- weeksElapsed: int

Methods:

+ void main(String[])