Coktail' project UML

Blender

-volume:double
-coktail:Coktail
-cup:cup

+Blender()
+blind():void
+pour():void

has-a

Cup

-no-of-calories:double
-capacity:double

+getNo-of-calories():double
+setNo-of-calories(no-of-caloris:double)
+ setCapacity(double capacity)
+gerCapacity():double

has-a

Fruits

- name:string
-no of calories;double
-volume:double

+Fruits()
+Fruits(String name,double no_of_calories,double volume)
+getInfo():String
+getColor():Color
+setColor(color:Color)
+getNo-of-calories():double
+setNo-of-calories(no-of-caloris:double)
+getVolume():double
+setVolume(volume:double)

has-a

Coktail

-volume:double
no of calories:double

+getNo-of-calories():double
+setNo-of-calories(no-of-caloris:double)
+getVolume():double
+setVolume(volume:double)

has-a

is-an

Nuts

+Nuts()
+Nuts(String name,double no_of_calories)
+getInfo():String

is-an

Ingredients

-name:String
-no-of-calories:double

+Ingredients()
+Ingredients(String name,double no_of_calories)
+getInfo():String
+getName():String
+setName(name:String)
+getNo_of_calories():double
+setNo-of-calories(no-of-calories:double)

is-an

Suger

+ Suger()
+ Suger(String name,double no_of_calories)
+getInfo():String

Color

-r:String
-b:String
-g:String

+ Color(String r,String b,String g)
+ Color()
+getR():String
+getG():String
+getB():String
+setR(r:String)
+setG:(g:String)
+setB(b:String)

is-an

has-a

Milk

-volume:double
-color:Color

+Milk()
+Milk(String name,double no_of_calories,double volume)
+getInfo():String
+setVolume(volume:double)
+getVolume():int
+setColor(color:Color)
+getColor()color