ORIGINAL SINGLETON MODEL

Arithmetic

-instance: Arithmetic
-int x
-int y

-Singleton()
-Singleton(int x,int y)
+getinstance(): Arithmetic
+getinstance(int x,int y): Arithmetic
+sum(int x,int y): int
+mean(int x,int y): float
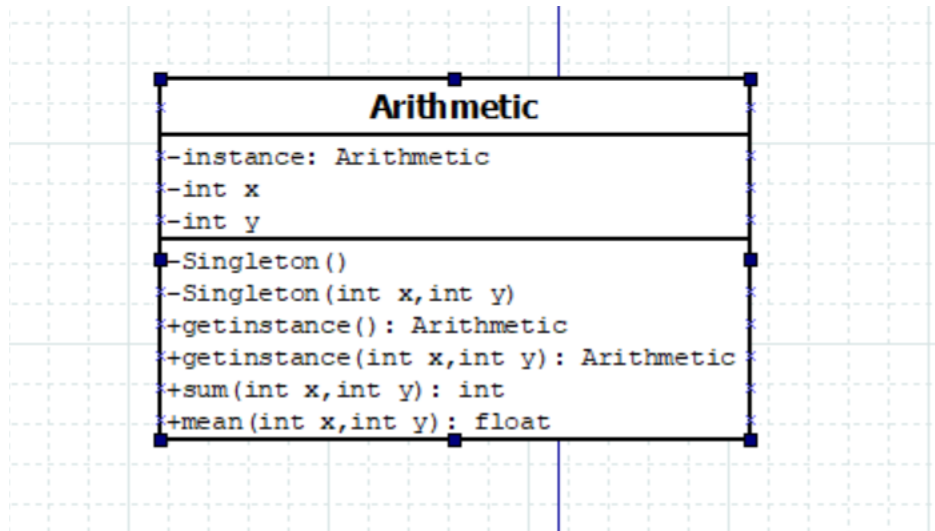
MODIFIED SINGLETON MODEL

Arithmetic

-instance: Arithmetic
-x: int
-y: int
-nom: string

-singleton()
-singleton(x:int,y:int)
-singleton(x:int,y:int,nom:string)
+getinstance(): Arithmetic
+getinstance(x:int,y:int): Arithmetic
+getinstance(x:int,y:int,nom:string): Arithmetic
+sum(x:int,y:int): int
+Multiplication(x:int,y:int): int
+Division(x:int,y:int): float
+Substraction(x:int,y:int): int