Creational Prototype

<<interface>>
Cloneable

+clone(): Object

Main

+main(args[]:String): static void

Clones List

Course

-name: String
-initial: String
-credits: int
-teacher: Teacher
-list: List<Student> = new LinkedList<>()

+clone(): Object
+add(student:Student): void
+delete(student:Student): boolean
+search(n:int): Student
-print(): String
+hash(): int

returns copy of self

Teacher

-id: String
-fullName: String
-dregree: String

+clone(): Object

returns copy of self

Student

-id: String
-collegeId: String
-fullName: String
-scolarship: int

+clone(): Object

returns copy of self

CourseList

-list: List<Course> = new LinkedList<>( )

+add(course:Course): void
+delete(course:Course): boolean
+print(): String
+search(n:int): Course
+hash(): int
+clone(): Object

returns copy of self