Main

Student

StudentProcess

Cou

createStudent();void

generateStudentSemester(semester: int):int

generateRandomName():String

generateStudentNumber(year: int,count: int): int
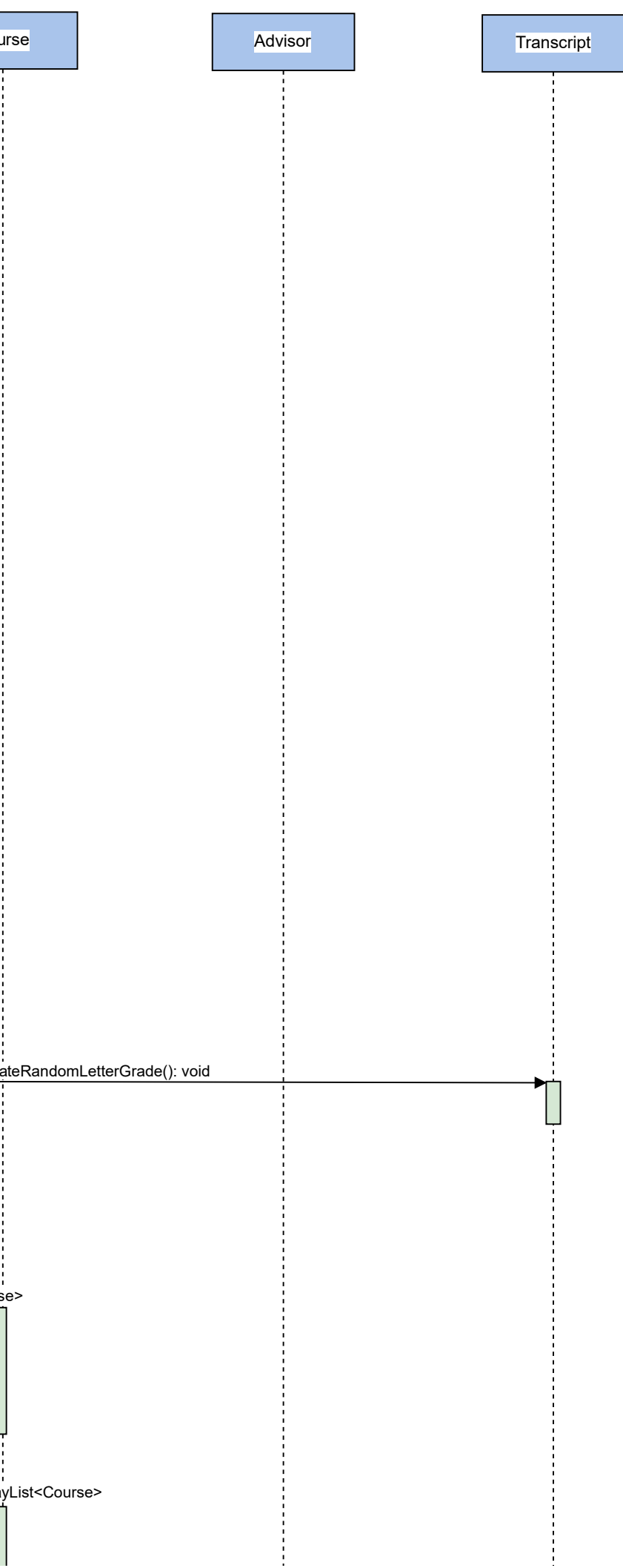
giveTitleToStudent(year: int): String

createStudentJsonFile():void

genera

takeCoursesFromInputFile(semester: int): ArrayList<Cours

courseList

takeLastSemesterCourseFromInputFile(semester: int):Arra

Course   Advisor   Transcript

...ateRandomLetterGrade(): void →

...se>

...yList<Course>

<---------- lastSemesterCourseList ----------

gradeChangeTo

<- -

takeElectiveCoursesFromInputFile(): ArrayList<Course>

<---------- electiveCourseList ----------

takeAdvisorFromInputFile():A

<- - - - - - - - - - - - - - - - - - AdvisorArrayLi

randomAdvisorAssign

<- - - - - - - - - - - - - - - - - - AdvisorInfo

printStudentInfoOnConsole(student: Student,

oDouble(LetterGrade: String);double

Integer

ArrayList<Advisor>

st

ment():string

advisor: Advisor, course: Course, gano: double, yano: double):void