Tianjin International Engineering Institute
Object-oriented Programming (JAVA)

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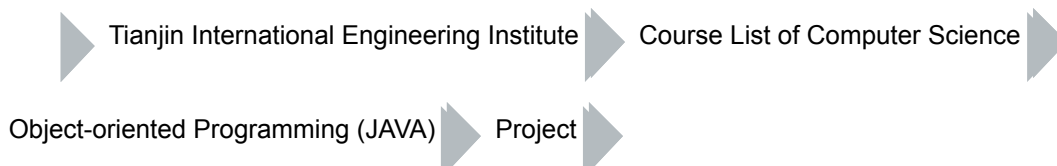
Project how-to

You are to work on a programming project. The project must be done in team of **two** students. Only teams of **two** students are accepted. Since the class has an odd number of students, you may choose either:

- to make one team of 3 students: then I expect that team to produce more work than a team of 2 students
- to make one team of 1 student: opposite to the previous case, less work produced by that student will be okay

Once you made a team for the project, you are not allowed to switch partners. You must list all team member's name inside all files (as comment at the top of the file). Each team member will turn in the project solution in her or his upload folder on the eLearning platform (i.e. you turn in the same project solution twice). You must turn in:

- a video clip of 10 minutes where you present your team and you give a demo of your program. Each member of the team must talk on the video.
- all the Java **source files** from your project
- including the provided files `Token.java`, `Tokenizer.java`, `TokenException.java`, `LexicalErrorException.java` and `TestTokenizer.java`
- the `java-project-info.pdf` file filled up (note that the format must be PDF). To produce that file you can use the java-project-info.doc file provided. In the report you must give the URL of your video clip

The main program must be in the `main` method of a class called `Smac` (in the file `Smac.java`) and all your classes should be in the package `project` (i.e. all your .java files should start by the line `package project;`)

You should turn in all your files in a folder named Name1-Name2 zipped into an archive Name1-Name2.zip where Name1 and Name2 are the name (iin English) of the two team members.

The deadline to submit your project solution is (provisionally) the Sunday September 30, 2018 (11:55pm Tianjin time)

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