# Assignment 3 5/18/2023-1

Implement the next release of your term project. You will incorporate Java generics, as specified below.

Implement the next release of your term project (preferably—start a new one if you have to). The same instructions as in Assignment 2 apply to this completed Word document, the gray text, the AI-generation, the 5 page limit, appendices, JUnit tests, and a ReadMe file.

## 1 SUMMARY DESCRIPTION, UPDATED AS NECESSARY

One- or two-paragraph overall description of your proposed term project. Color in red the parts different from Assignment 2.

Your response replaces this.

## 2 ADDITIONAL REQUIREMENTS (FEATURES) IMPLEMENTED IN THIS RELEASE

Title and one or two sentences per requirement. Don’t repeat requirements implemented for prior assignments unless they are necessary to provide context—in which case, make it clear which are new vs. old.

### 2.1 Your title replaces this. (OLD / NEW REQUIREMENT)

Your response replaces this.

### 2.2 Your title replaces this. (OLD / NEW REQUIREMENT)

Your response replaces this.

### 2.3 …

### >>AI generation OR check: *I did not use AI generation here* \_\_(Collapse section before submitting.)

1. PARAGRAPH DESCRIBING YOUR VALUE ADDED TO THE AI-GENERATED MATERIAL

I improved the intent of the summary with a few edits. chatGPT’s output was too much like a marketing piece.

1. MY PROMPT SEQUENCE (ONLY)

[1]

Improve the following summary: In this strategy game, as Earth's Chief Scientist Alex, employed by the UN, you must save the Earth by managing funds and powers. You interact with governments, and through them, the public and companies, each with their own revenues, abilities to tax or be taxed, and cause or repair environmental damage. Before it is too late, you must halt the degradation of the Earth from CO2 emission and achieve global sustainability.

1. CODE OR TEXT PRODUCED BY THE ABOVE PROMPT SEQUENCE

chatGPT X

Embark on a thrilling strategy game as Alex, Earth's Chief Scientist employed by the United Nations, tasked with saving the planet by adeptly managing resources and influence. Engage with governments, the public, and corporations, each possessing unique revenue streams, taxation capabilities, and potential to either inflict or mitigate environmental damage. Race against time to curb Earth's degradation from CO2 emissions and secure global sustainability before it's too late.

## 3 I/O EVIDENCE OF ACCOMPLISHING THE REQUIREMENTS LISTED ABOVE

Provide an example of actual input / output corresponding to the requirements above

Your response replaces this.

### Input File(s)

File ….

### Input / Output

Console I/O:

### Output File(s) (if applicable)

File …

## 4 YOUR DIRECTORY

Show a screenshot of your directory. This should include a parallel directory of JUnit tests where applicable—package-by-package, class-by-class, and method-by-method, except for trivial and inapplicable ones.

Your response replaces this.

## 5 YOUR UPDATED CLASS MODEL AND CLARIFICATION OF HOW THE EXECUTION WORKS

Supply a main use case, the class model, and the sequence diagram corresponding to the use case. These should be consistent and clear. Indicate clearly in your class model where you applied generics. To do this use tools, PowerPoint, or a combine models as in [this example](https://docs.google.com/spreadsheets/d/1vBmDVtWWh3EX0oehFFLRU0P6eR-fn4d0qVg1-XOUooM/edit?usp=sharing) (which you are free to cut and paste from). Insert indications in red to show where generics apply.

Your response replaces this.

## 6 WHERE GENERICS ARE IMPLEMENTED

### 6.1 Class model fragment showing generic class

Explain where and how you applied *generic classes* in your class model.

Your response replaces this.

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### 6.2 Code (including test code), input (if applicable), and output showing generics

Explain why the use of *generics* is appropriate here.

Your response replaces this.

## 7 YOUR CODE

Unless your facilitator arranges another method, copy your Eclipse project to your file system, zip it, and attach it. Please contact your facilitator in advance if you want to request another transmission process (e.g., github).

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## 8 INSTRUCTOR’S EVALUATION

