CS335A Milestone 2

Group 2

23 March 2023

1   Compilation and Execution instructions

1. Go to milestone2/src in the terminal. Follow the commands as follows:

```
$ cd ./milestone2/src
$ make
$ ./my3acGenerator ../tests/test_$$.java output$$.3ac
```

Here, '$$' represents the test case number. The output CSV file can be redirected to another location by changing the path.

2   Unhandled errors

- Break and continue statements are not handled in the for loop.

- Objects of the same class cannot be in the class.

- Static and final access modifiers are not handled.

3   Additional features implemented

- Inheritance is implemented for Symboltables not for 3-ac. Will be implemented in due project. Inheritance of constructor not handled.

- Array can be of any type not just primitive.

- Support for Strings, including a few operations like concatenation, support for printing with println().

- Type casting (PrimitiveType to PrimitiveType).

- Import/Package treated as a new type(Will be explained in the demo).