

CS335A Milestone 3

Group 2

5 April 2023

1 Compilation and Execution instructions

Go to milestone3/src in the terminal and make the file to generate the 3AC code for a test case. Follow the commands below to achieve this:

```
$ cd ./milestone3/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

- All types of an array is implemented, not just primitive.
- Inheritance for symbol table is implemented.
- Strings are supported, including their concatenation and printing using the println statement.
- Type casting (Primitive Type to Primitive Type).
- Import/Package is treated as a new type.