

SAT Language Documentation

Compilation and Execution

1. cd `Code/SAT source code/`
2. Run the **SAT.jar** using command: `java -jar SAT.jar <input_filename>`
3. The `<input_filename>` is any **.sat** file in the current directory
4. The intermediate code is generated in file named **OutputProgram.in** in current directory.
5. cd `../../Runtime`
6. Run the intermediate code using command: `python Runtime.py <path/to/OutputProgram.in>`
7. This will give output for selected program

For example:

```
SAT/> cd Code/SAT source code/  
src/Code/SAT source code/> java -jar SAT.jar factorial.sat  
src/Code/SAT source code/> cd ../../Runtime  
src/Runtime/> python Runtime.py ../Code/SAT source code/OutputProgram.in
```

Video Link:

<https://www.youtube.com/watch?v=VFO9jLPibuA>

#Github Link: https://github.com/shahsyedzafar/prog_lang_paradigms

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