

# Making a Programming Language

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**Aim:** The aim of the project is to make a new programming language and make two bots fight against each other in a virtual environment.

**Abstract:** In this project, we made a new programming language with its own syntax. The interpreter for this new language was coded in Python. We also used Turtle graphics features. In the game two turtles move in a plane and shoot at each other. It has certain features like shoot, turnleft,turnright, etc. After a certain time, the one which is shot the least wins.

**Future plans:** We plan to add a few more features to this game like life meters, complete automation for the bots' movement,etc.

**Conclusion:** In this project, we learnt making a new prog. language and also coding in Python. We also learnt the uses of Turtle and its applications.

**References:** Python Docs <https://docs.python.org/3/>