# THE GNN

## BREAKING DOWN THE GNN SECTION OF THE PROJECT:

* Each program is a directed graph which may or may not be connected. For the purpose of this project, all the graphs are considered to be connected due to the way the training and testing programs have been written.
* Each node in the graph has a set of defining features. In this instance, these features could include data type and name

The project, broken down:

The GNN aspect of the project is divided into two phases.

1. Converting a program into a directed graph.
2. Carrying out processing and classification tasks on this graph

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## THE AST

Created using TensorFlow (and maybe Keras). The aim of this is to convert a program from its normal form to its AST form