

# Namespace and Scope

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# Namespaces and Scope

- Names or variables can refer to different things based on where they are used.
- A program has various namespaces which are regions in which a name is unique and not related to the same name in other namespaces.
- Each program has its own namespace and likewise each function has its own namespace.
- A variable named 'a' in the main program is different from a variable inside a function, also named 'a'.
- But a variable in the main program can be accessed from inside the function as it is part of the global namespace. The reverse is not true.

# Complete Coding Exercise

Detailed Coding Exercise is available at –  
<https://github.com/vivek14632/Python-Workshop/blob/master/Introducing%20Python/Chapter%204/Code%20Structures-%20%20Part%234.ipynb>