Q What does if __name == '__main__': do in python?

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Before executing any code, python interpreter reads the source file and define few special variables.

If the python interpreter is running that module as the main program, it sets the special (dunder) __name__ toucut variable to have a value "__main__". If this file is being imported from another module, __name__ will be set to the modules name. modules name is available as a value to _name_ global variable.

A module is a file containing python definitions and statements. The file name is the module name with the suffix '.py appended.

To execute the script pass the file to the python interpreter.

   • python3 script.py