- 1. If __name__ == "__main__" is only considered true when the module is run using F5 in python IDLE and so only true when the module is run and not when it is imported.
- 2. When the module is imported, it runs the function without evaluating the if statement and so the function will be run and possibly give an input or change the setup of the program unnecessarily.
- 3. That variable is only assigned when the module is run so any program that accesses the module by importing it will not be able to extract the value of that variable as it is not assigned when imported. The variable can only be used when the module is run by itself.