

Tamrin 4

- Relative imports use a module's **name** attribute to determine that module's position in the package hierarchy. In other words, the algorithm to resolve the module is based on the values of **name** and **package** variables. Sometimes, as in our example case, those variables do not contain any package information - the value of **package** is None and the value of **name** is **main**

reference : <https://napuzba.com/a/import-error-relative-no-parent/p2>

Tamrin3

- Exception vs (Syntax Error)

Syntax Error

- When you forget a colon at the end of a line, accidentally add one space too many when indenting under an if statement, or forget a parenthesis, you will encounter a syntax error. This means that Python couldn't figure out how to read your program.

Exceptions

- Even if a statement or expression is syntactically correct, it may cause an error when an attempt is made to execute it. Errors detected during execution are called exceptions

Syntax error is neither an Error nor an Exception because both of them happen during runtime, and syntax error causes a compilation error which would prevent the program from compiling and therefore from running.