



Exception	When It Happens	Example	Funny Analogy / Joke
SyntaxError	You broke Python's grammar rules.	<code>python\nprint("Hello"\n</code>	Like sending a text with “ <i>I wnt 2 skool today lol</i> ” — your friend is confused, Python too!
IndentationError	Wrong/missing indentation (spaces).	<code>python\ndef greet():\nprint("Hi")\n</code>	Python is like your strict mom: “ <i>Line up properly or no food!</i> ”
NameError	Using a variable that doesn't exist.	<code>python\nprint(age)\n</code>	Like calling someone's name in class when they didn't come that day.
TypeError	Mixing the wrong data types.	<code>python\n"2" + 2\n</code>	Like trying to marry a shoe with a banana — doesn't work.
ValueError	Right type, wrong value.	<code>python\nint("hello")\n</code>	Like ordering “rice” at a restaurant but giving them a drawing of rice.
ZeroDivisionError	Dividing by zero.	<code>python\n10 / 0\n</code>	Like saying “I'll share 10 sweets with 0 friends” — who gets them? Infinite fight 😬
IndexError	Asking for a list item that doesn't exist.	<code>python\nnums=[1,2,3]\nnums[5]\n</code>	Like asking your mom for a 5th child when she only has 3.
KeyError	Dictionary key doesn't exist.	<code>python\nperson={"name":"Ada"}\nperson["age"]\n</code>	Like asking your dad for your “Netflix password” when he doesn't even have Netflix.

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AttributeError	Using an ability the object doesn't have.	python\n"Hello".append("World")\n	Like asking your dog to cook rice — wrong ability!  
FileNotFoundError	Opening a file that's not there.	python\nopen("missing.txt")\n	Like going to the fridge for jollof rice that doesn't exist.
ImportError / ModuleNotFoundError	Importing a module that isn't installed.	python\nimport alienLanguage\n	Like trying to invite a friend to class who doesn't even attend your school.