

# ERRORS IN PYTHON

# SyntaxError

```
>>>print "hello"
```

File "<input>", line 1

```
print "hello"
```

^

SyntaxError: Missing parentheses in call to 'print'. Did you mean print("hello")?

# IndexError

```
>>>L1 = [1, 2, 3]
```

```
>>>print(L1[3])
```

Traceback (most recent call last):

File "<input>", line 1, in <module>

IndexError: list index out of range

# ModuleNotFoundError

```
>>>import notamodule
```

Traceback (most recent call last):

File "<input>", line 1, in <module>

File "C:\Program Files\JetBrains\PyCharm Community Edition 2021.1.1\plugins\python-ce\helpers\pydev\\_pydev\_bundle\pydev\_import\_hook.py", line 21, in do\_import

```
module = self._system_import(name, *args, **kwargs)
```

ModuleNotFoundError: No module named 'notamodule'

# KeyError

```
>>>dict_1 = {'1':"aa", '2':"bb", '3':"cc"}
```

```
>>>dict_1['4']
```

Traceback (most recent call last):

File "<input>", line 1, in <module>

KeyError: '4'

# ImportError

```
>>>from math import cube
```

Traceback (most recent call last):

File "<input>", line 1, in <module>

ImportError: cannot import name 'cube' from 'math' (unknown location)

# StopIteration

```
>>>it = iter([1, 2, 3])
```

```
>>>next(it)
```

1

```
>>>next(it)
```

2

```
>>>next(it)
```

3

```
>>>next(it)
```

Traceback (most recent call last):

File "<input>", line 1, in <module>

StopIteration

# TypeError

```
>>>'2'+2
```

Traceback (most recent call last):

File "<input>", line 1, in <module>

TypeError: can only concatenate str (not "int") to str

# ValueError

```
>>>int('xyz')
```

Traceback (most recent call last):

File "<input>", line 1, in <module>

ValueError: invalid literal for int() with base 10: 'xyz'

```
# NameError
```

```
>>>age
```

```
Traceback (most recent call last):
```

```
  File "<input>", line 1, in <module>
```

```
NameError: name 'age' is not defined
```

```
# ZeroDivisionError
```

```
>>>x = 100/0
```

```
Traceback (most recent call last):
```

```
  File "<input>", line 1, in <module>
```

```
ZeroDivisionError: division by zero
```