```
Python 3.11.4 (v3.11.4:d2340ef257, Jun  6 2023, 19:15:51) [Clang 13.0.0
(clang-1300.0.29.30)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
5 ** 3
125
5*3
15
bin(name)
Traceback (most recent call last):
  File "<pyshell#2>", line 1, in <module>
    bin(name)
NameError: name 'name' is not defined
int(5)
5
2.7+5.3
8.0
3+2.5
5.5
8/2
4.0
int(8.0)
8
int(8/2)
4
int(2.3+5.7)
8
int(22.99999)
22
float(257)
257.0
float(2+2)
4.0
print('"I have a split personality, " said Tom, being frank.')
"I have a split personality, " said Tom, being frank.
print("Why'd the chicken cross the road?")
Why'd the chicken cross the road?
(-1)**0.5
(6.123233995736766e-17+1j)
print("\"I\'ll never feed lions at the zoo again.\" Tom muttered off
handely.")
"I'll never feed lions at the zoo again." Tom muttered off handely.
print("First line

SyntaxError: incomplete input
print("First line\nsecond line")

First line
second line
print("The file is in the directory C:\\temp\\")

The file is in the directory C:\temp\
"one" + "two"

'onetwo'
```

```
"1" + "2" + "3"

'123'
"foo" + 23

Traceback (most recent call last):
  File "<pyshell#22>", line 1, in <module>
    "foo" + 23
TypeError: can only concatenate str (not "int") to str
"foobar" - "bar"

Traceback (most recent call last):
  File "<pyshell#23>", line 1, in <module>
    "foobar" - "bar"
TypeError: unsupported operand type(s) for -: 'str' and 'str'
"peculiarly"/2

Traceback (most recent call last):
  File "<pyshell#24>", line 1, in <module>
    "peculiarly"/2
TypeError: unsupported operand type(s) for /: 'str' and 'int'
"foo" * bar

Traceback (most recent call last):
  File "<pyshell#25>", line 1, in <module>
    "foo" * bar
NameError: name 'bar' is not defined
"foo" * "bar"

Traceback (most recent call last):
  File "<pyshell#26>", line 1, in <module>
    "foo" * "bar"
TypeError: can't multiply sequence by non-int of type 'str'
"ding" * 3

'dingdingding'
'line one\n' + 'line two'

'line one\nline two'
print('line one\n' + 'line two')

line one
line two
type(6.02)

<class 'float'>
type('fnord')

<class 'str'>
>>> type((-1) ** (1/2))
...
<class 'complex'>
>>> type("foo" + "bar")
...
```

```
<class 'str'>
>>> type(11>5)
...
<class 'bool'>
>>> type(abs(-12))
...
<class 'int'>
>>> type(type(17))
...
<class 'type'>
>>> type(bin(65536))
...
<class 'str'>
>>> str(257)
...
'257'
>>> str(3.1415926)
...
'3.1415926'
>>> str(-0.5+0.866j)
...
'(-0.5+0.866j)'
>>> str(11>5)
...
'True'
>>> str(type(17))
...
"<class 'int'>"
>>> int("65537")
...
65537
>>> float("65537")
...
65537.0
>>> int("1337")
...
1337
>>> float("1337")
...
1337.0
>>> float("0.7734")
...
0.7734
>>> int("0.7734")
...
Traceback (most recent call last):
  File "<pyshell#48>", line 1, in <module>
    int("0.7734")
ValueError: invalid literal for int() with base 10: '0.7734'
>>> int("2+2")
...
Traceback (most recent call last):
  File "<pyshell#49>", line 1, in <module>
    int("2+2")
```

```
ValueError: invalid literal for int() with base 10: '2+2'
>>> int("twenty")
...
Traceback (most recent call last):
  File "<pyshell#50>", line 1, in <module>
    int("twenty")
ValueError: invalid literal for int() with base 10: 'twenty'
```