>>> 3+6

9

>>> 4/3

1.3333333333333333

>>> name= "Mukta"

>>> name

'Mukta'

>>> type(name)

<class 'str'>

>>> dir(name)

['\_\_add\_\_', '\_\_class\_\_', '\_\_contains\_\_', '\_\_delattr\_\_', '\_\_dir\_\_', '\_\_doc\_\_', '\_\_eq\_\_', '\_\_format\_\_', '\_\_ge\_\_', '\_\_getattribute\_\_', '\_\_getitem\_\_', '\_\_getnewargs\_\_', '\_\_gt\_\_', '\_\_hash\_\_', '\_\_init\_\_', '\_\_init\_subclass\_\_', '\_\_iter\_\_', '\_\_le\_\_', '\_\_len\_\_', '\_\_lt\_\_', '\_\_mod\_\_', '\_\_mul\_\_', '\_\_ne\_\_', '\_\_new\_\_', '\_\_reduce\_\_', '\_\_reduce\_ex\_\_', '\_\_repr\_\_', '\_\_rmod\_\_', '\_\_rmul\_\_', '\_\_setattr\_\_', '\_\_sizeof\_\_', '\_\_str\_\_', '\_\_subclasshook\_\_', 'capitalize', 'casefold', 'center', 'count', 'encode', 'endswith', 'expandtabs', 'find', 'format', 'format\_map', 'index', 'isalnum', 'isalpha', 'isascii', 'isdecimal', 'isdigit', 'isidentifier', 'islower', 'isnumeric', 'isprintable', 'isspace', 'istitle', 'isupper', 'join', 'ljust', 'lower', 'lstrip', 'maketrans', 'partition', 'replace', 'rfind', 'rindex', 'rjust', 'rpartition', 'rsplit', 'rstrip', 'split', 'splitlines', 'startswith', 'strip', 'swapcase', 'title', 'translate', 'upper', 'zfill']

>>> help(str)

>>> help(str.upper)

>>> clear

Traceback (most recent call last):

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

NameError: name 'clear' is not defined

>>> clear()

Traceback (most recent call last):

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

NameError: name 'clear' is not defined

>>> q

Traceback (most recent call last):

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

NameError: name 'q' is not defined

>>> "hello"

'hello'

>>> 'hello'

'hello'

>>> "hello's"

"hello's"

>>> 'hello's'

File "<stdin>", line 1

'hello's'

^

SyntaxError: invalid syntax

>>> 'hello\'s'

"hello's"

>>> "mukta"+" s"

'mukta s'

>>> long\_string="""

... abcde

... 12345

... """

>>> long\_string

'\nabcde\n12345\n'

\*\*\*f strings\*\*\*\*\*\*

>>> name= "Mukta"

>>> f"Hello, {name}"

'Hello, Mukta'

\*\*\*f strings\*\*\*\*\*\*

\*\*\*\*\*Common Errors\*\*\*\*\*\*\*\*

1. Can’t concatenate number and strings

>>> "Hello, "+ 3

Traceback (most recent call last):

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

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

>>> 3+ "hello"

Traceback (most recent call last):

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

TypeError: unsupported operand type(s) for +: 'int' and 'str'