Python Basics

Program

Programming Language

compiler
interpreter

0100110

Fundamentals

$$y = f(x)$$

output   input

function
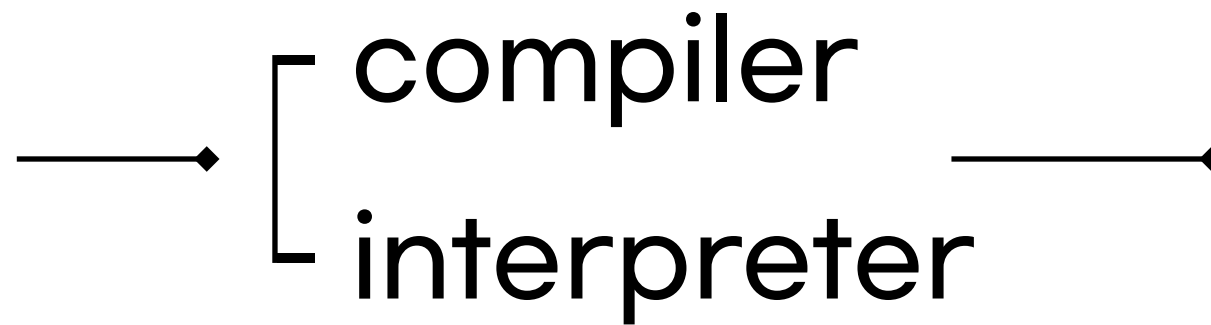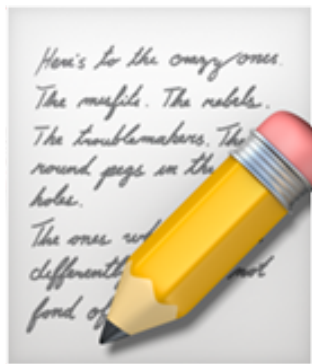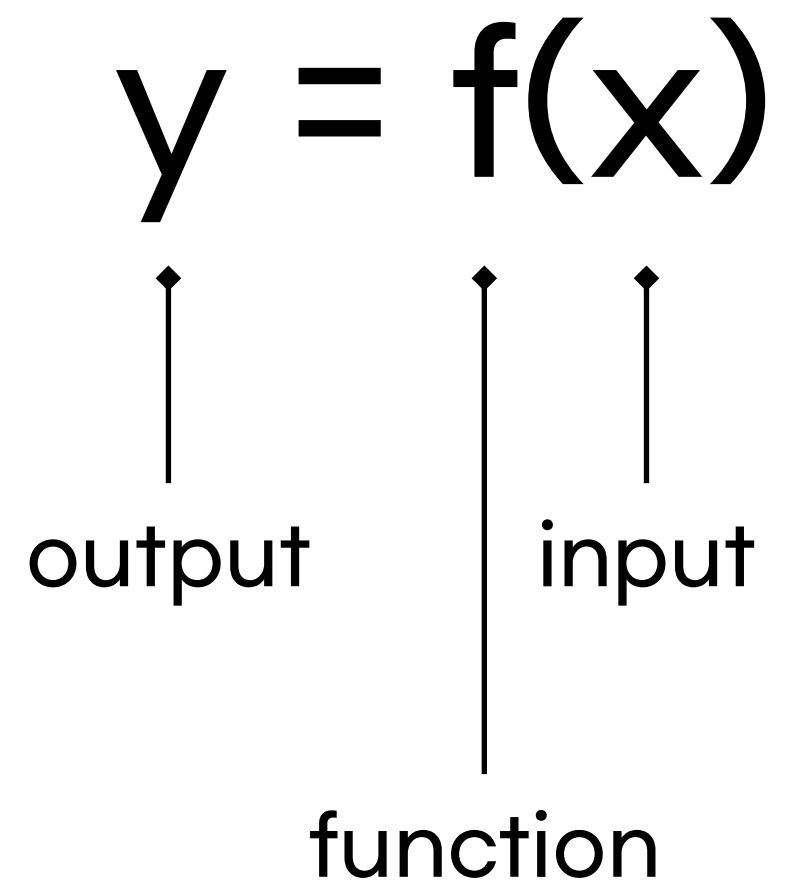
Number

1

3.14

List

elements

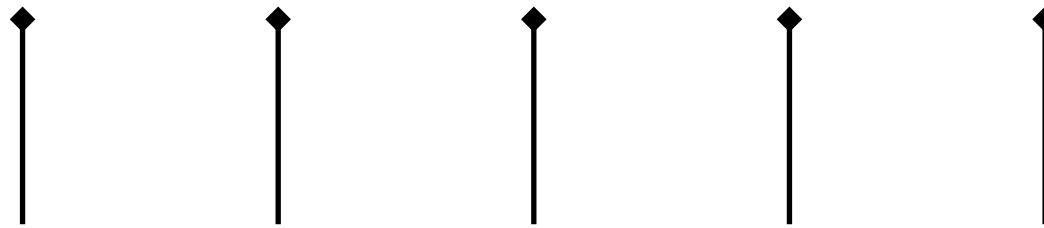$$[\,1,\ 2,\ 3,\ 4]$$

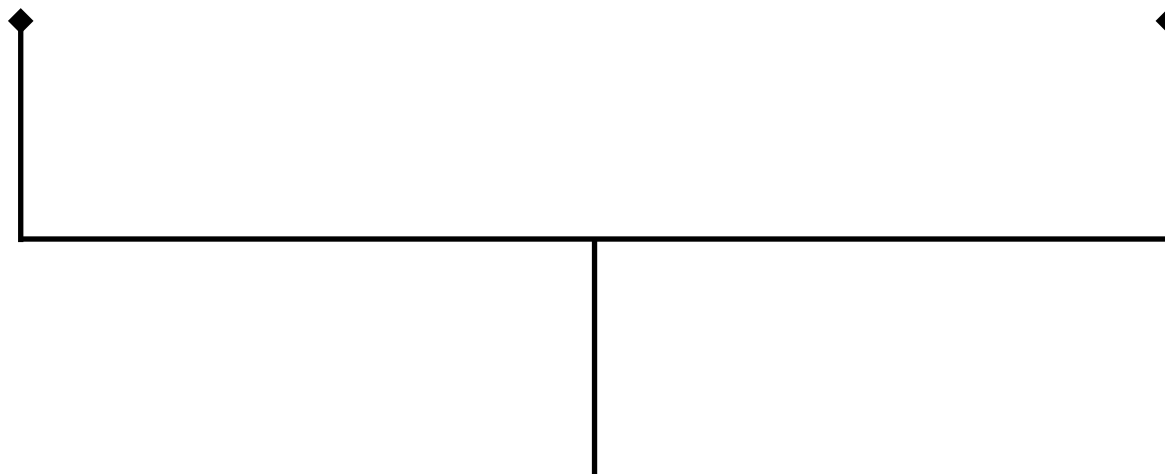index 0 1 2 3

String

elements

H e l l o
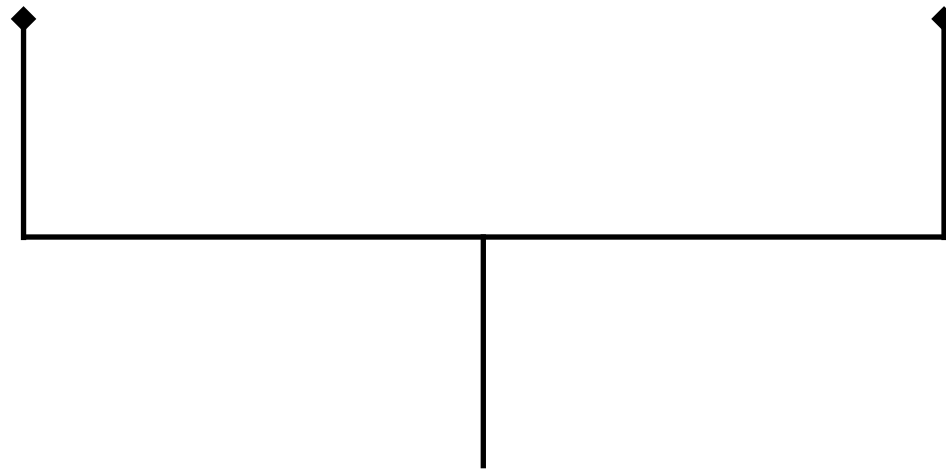
index 0 1 2 3 4

Dictionary

{key: value}

Dictionary

{"name": "Luna", "age": 20}

key

Dictionary

{"name": "Luna", "age": 20}

value