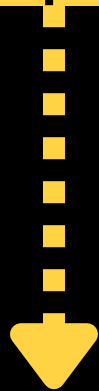# Lambda
Functions

```python
fn = lambda x, y: x + y
```

Lambda Functions

$$fn = \boxed{lambda}\ x, y:\ x + y$$

Keyword

used to define a lambda function

Lambda Functions

`fn = ` **lambda** `x , y : x +y`

Arguments

one or multiple arguments
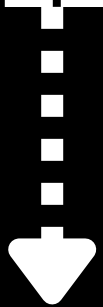separated by commas

Lambda Functions

fn = **lambda** x , y : x + y

Expression

Single expression to evaluate

Lambda Functions

$$fn = \text{lambda } x, y : x + y$$

Variable

A variable that contains the result of the lambda function

Lambda Functions

```python
fn = lambda x, y: x + y
result = fn(3, 5)
print(result)

>>> 8
```