lambda function

A **lambda function** is a small, anonymous function in Python that is defined using the lambda keyword instead of the def keyword.



- Lambda functions can have any number of arguments
- · but only one expression,
 - which is evaluated and returned.
- Used for short, simple operations where defining a full function would be unnecessary.

The syntax for a lambda function is:



```
# A regular function to add two numbers
def add(x, y):
    return x + y

# The same function as a lambda function
add_lambda = lambda x, y: x + y

# Using the lambda function
result = add_lambda(2, 3) # Output: 5
```