Python Development Lab – Session 2 Materials

Python tutorials

Material	Access
Python Documentation: 6.5. The power operator	https://docs.python.org/3/reference/expressions.html#the-power-operator
Python Documentation: 6.6. Unary arithmetic and bitwise operations	https://docs.python.org/3/reference/expressions.html#unary-arithmetic-and-bitwiseoperations
Python Documentation: 6.7. Binary arithmetic operations	https://docs.python.org/3/reference/expressions.html#binary-arithmetic-operations
Python Documentation: 6.10. Comparisons	https://docs.python.org/3/reference/expressions.html#comparisons
Python Documentation: 6.11. Boolean operations	https://docs.python.org/3/reference/expressions.html#boolean-operations
Python Documentation: 6.12. Assignment expressions	https://docs.python.org/3/reference/expressions.html#assignment-expressions
The Python Tutorial: if statement	https://docs.python.org/3/tutorial/controlflow.html#if-statements
The Python Tutorial: for statement	https://docs.python.org/3/tutorial/controlflow.html#for-statements
The Python Tutorial: break and continue statements, and else clauses on loops	https://docs.python.org/3/tutorial/controlflow.html#break-and-continue-statements-andelse-clauses-on-loops
The Python Tutorial: tuples and sequences	https://docs.python.org/3/tutorial/datastructures.html#tuples-and-sequences
The Python Tutorial: sets	https://docs.python.org/3/tutorial/datastructures.html#sets
The Python Tutorial: dictionaries	https://docs.python.org/3/tutorial/datastructures.html#dictionaries

Official training materials

Material	Access
3.1.1.1 Making decisions in Python	https://edube.org/learn/pe-1/making-decisions-in-python-24
*3.2.1.4 Loops in Python	for*	https://edube.org/learn/pe-1/loops-in-python-for-6

3.2.1.8 Loop control in Python | break and continue	https://edube.org/learn/pe-1/loop-control-in-python-break-and-continue-7
3.4.1.1 Lists - collections of data	https://edube.org/learn/pe-1/lists-collections-of-data-3
3.6.1.1 Operations on lists	https://edube.org/learn/pe-1/operations-on-lists-3
3.5.1.1 Sorting simple lists - the bubble sort algorithm	https://edube.org/learn/pe-1/sorting-simple-lists-the-bubble-sort-algorithm-9

Instructions for accessing edube.org materials

Instructions for creating an account on edube.org and accessing the materials:

1. Navigate to https://edube.org/registration ;
2. Complete the registration information and click on the Sign Up button;
3. Complete your registration process;
4. Login to site.

1. Navigate to https://edube.org/study ;
2. Enroll in the course: Python Essentials 1 (Aligned with PCEP-30-02);
3. Go to https://edube.org/study/catalog/python-essentials-2-aligned-with-pcep-30-02/my-progress which is the dashboard for the course.

Study

Active Completed Enroll

Python Essentials 1 (Aligned with PCEP-30-02)
Channel: Edube Interactive
Mode: Self-Study
Level: Entry-Level (Beginner)
Cost: Free
Study Time: 42 hours (Recommended: 7h/week)

[Details] [FAQ] [Dashboard] [Resume]

PCPP1 | Advanced Perspective of Classes and Oriented Programming in Python (Profession [BETA]
Channel: Edube Interactive
Mode: Self-Study
Level: Professional
Cost: Free
Study Time: 42 hours (Suggested: 7 hours a week)

[Details] [Dashboard] [Resume]

PCPP1 | Best practices and Standardization