Name: Grading Quarter: Week Beginning: 10
Robert Lefrandt 2 12/18/2023

School Year: 2023-24 Subject: Software & App Design

Notes: 12/18/2023

Operators and Expressions in Python - Real Python

A sequence of operands and operators, like a + b - 5, is called an expression.

Python supports many operators for combining data objects into expressions.

Compare other LMS's

Harvard CS50x

MS Visual Code Studio Al assistants

Prompt Engineering

AFE CS AP Principles

Python Programmer Certification (PCEP)

BRHS Finals Schedule

Monday, 12/18

Finals for Blocks 1 and 3
Block 1: 8:25 – 10:29 am

1A: 8:25 - 9:24

1B: 9:30 - 10:29

Block 2: 10:36 - 11:35 am

2A: 10:36 - 11:02

2B: 11:08 - 11:35

Lunch: 11:35 am - 12:15 pm

Block 3: 12:15 - 2:19 pm

3A: 12:15 - 1:14

3B: 1:20 - 2:19

Block 4: 2:25 - 3:30 pm

4A: 2:25 - 2:52

4B: 2:58 - 3:30

Tuesday, 12/19

Finals for Blocks 2 and 4

Block 1: 8:25 - 9:25 am

1A: 8:25 - 8:52

1B: 8:58 - 9:25

Block 2: 9:32 - 11:35 am

2A: 9:32 - 10:30

2B: 10:36 - 11:35

Lunch: 11:35 am - 12:15 pm

Block 3: 12:15 - 1:15 pm

3A: 12:15 - 12:42

3B: 12:48 - 1:15

Block 4: 1:22 - 3:30 pm

4A: 1:22 - 2:21

4B: 2:27 - 3:30

Academic Standards:

AZ CTE

SoftwareAppDesign TechStandards

STANDARD 1.0

APPLY PROBLEM-SOLVING AND CRITICAL THINKING SKILLS

Iterative/Loops

STANDARD 7.0 UTILIZE ITERATIVE STRUCTURES IN WRITING PROGRAMS

- 7.1 Identify various types of iteration structure (e.g., while, for, for-each, and recursion)
- 7.2 Identify how loops are controlled (variable conditions and exits)
- 7.3 Use the correct syntax for nested loops
- 7.4 Compute the values of variables involved with nested loops

STANDARD 12.0

DEVELOP A PROGRAM

STANDARD 13.0

TEST AND DEBUG TO VERIFY PROGRAM OPERATION

STANDARD 14.0

UTILIZE AND CREATE COMMUNITY RESOURCES 14.1 Use standard library functions

Monday

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UTILIZE AND CREATE COMMUNITY RESOURCES 14.1 Use standard

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Tuesday

Wednesday	Notes: 12/20/2023 Operators and Expressions in Python - Real Python A sequence of operands and	End 1 st Semester	Academic Standards: AZ_CTE SoftwareAppDesign TechStandards STANDARD 1.0 APPLY PROBLEM- SOLVING AND CRITICAL THINKING SKILLS
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	Python Programmer Certification (PCEP)		STANDARD 13.0 TEST AND DEBUG TO VERIFY PROGRAM OPERATION
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	Notosi		Academic Standards:
	Notes:		AZ_CTE
	12/14/2023		SoftwareAppDesign
	On anatona and		TechStandards
	Operators and Expressions in	Winter Break	
	Python - Real		STANDARD 1.0
	Python	Winter Break thru January 5 - District Closed	APPLY PROBLEM-
			SOLVING AND
	A sequence of		CRITICAL THINKING SKILLS
	operands and operators, like a + b		SKILLS
	- 5, is called an expression.		Iterative/Loops
	Python supports		STANDARD 7.0 UTILIZE
	many operators for combining data		ITERATIVE
	objects into		STRUCTURES IN
	expressions.		WRITING PROGRAMS
			7.1 Identify various
	6		types of iteration
	Compare		structure (e.g., while,
	other LMS's		for, for-each, and
			recursion)
	Harvard		7.2 Identify how loops
	CS50x		are controlled
			(variable conditions
7	MS Visual		and exits)
	Code Studio		7.3 Use the correct
ps.	Al assistants		syntax for nested
Thursday			loops
	Prompt		7.4 Compute the
	Engineering		values of variables
			involved with nested
	AFE CS AP		loops
	Principles		STANDARD 12.0
			DEVELOP A PROGRAM
	Python		
	Programmer		STANDARD 13.0 TEST AND DEBUG TO
	Certification		VERIFY PROGRAM
	(PCEP)		OPERATION
			STANDARD 14.0
			UTILIZE AND CREATE
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	Notes:		Academic Standards:
	12/15/2023		AZ_CTE SoftwareAppDesign
	Operators and	Winter Break	TechStandards
	Expressions in	winter Break	STANDARD 1.0
	<u>Python - Real</u> <u>Python</u>	Winter Break thru January 5 - District Closed	APPLY PROBLEM-
	Tython	Willer Break till a January 3 Bistrict closed	SOLVING AND
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	Principles Principles		STANDARD 12.0
			DEVELOP A PROGRAM
	Python Programmer		STANDARD 13.0
	Certification		TEST AND DEBUG TO
	(PCEP)		VERIFY PROGRAM OPERATION
			OI LIMITON
			STANDARD 14.0
			UTILIZE AND CREATE COMMUNITY
			RESOURCES
			14.1 Use standard library functions
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