Name: Robert Lefrandt	Grading Quarter: 2	Week Beginning: 10 12/18/2023
School Year: 2023-24	Subject: Software & App Design	

Notes:
12/18/2023

<u>Operators and Expressions in Python - Real Python</u>

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 AI 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

2023

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

Notes:
   12/19/2023

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2023

| Wednesday | Notes:
12/20/2023

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Python Programmer Certification (PCEP) | **End 1st Semester** | **Academic Standards:**
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| Thursday | Notes:
12/14/2023

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Python Programmer Certification (PCEP) | **Winter Break**

Winter Break thru January 5 - District Closed | **Academic Standards:**
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Friday	Notes: 12/15/2023	Winter Break	Academic Standards:

| | Notes:

12/15/2023

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