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| **Big Idea**  What is the big idea that the learner will walk away with at the end of the lesson that is critical for learners at this stage of their learning path? | **Learning Outcome(s)**  What specific things will the learner know or be able to do by the end of the lesson? | **Evidence of Learning**  What does learning look like for this objective? (e.g., accurate performance of a task, correct use of terminology) | **Assessments**  What will learners do to provide evidence of their learning? (e.g., a presentation, a test, a project) | **Learning Activities**  What learning activities will allow learners to acquire and practice the skills necessary to demonstrate their learning and complete the assessment successfully? |
| Students will become proficient in using basic operations, and python definitions. | Can use python for simple while loop and for loop loops, and basic arithmetic e.g. multiplication, addition. | 1: Completing a for loop and while loop calculation using python  2: Can independently perform mixed addition and multiplication calculations using python. | Students can design a function and run it successfully | 1: Show students an example problem and analyze and explain it step by step  2: Explain the fundamentals and basic usage of python to students  3: Have students complete some simple calculation problems, e.g. 2\*2,3\*6 |