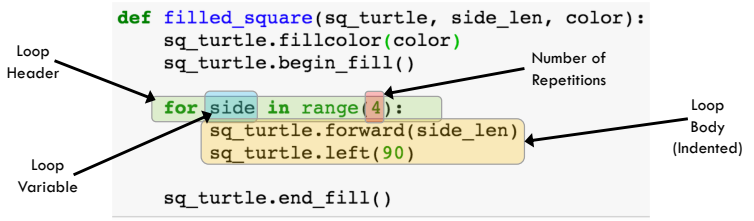
SIMPLE REPETITION

COMP130 – INTRODUCTION TO COMPUTING

DICKINSON COLLEGE

PYTHON'S SIMPLE FOR STATEMENT (LOOP)

- A ***simple `for` statement*** causes the statements in the ***loop body*** to be executed a specified number of times.



- The ***loop variable*** may be any valid variable name.
- The ***number of repetitions*** may be any expression that evaluates to an integer.
- The indented statements are contained in the ***loop body***.

LOOP PATTERNS

- It is sometimes helpful to think about what needs to be ***setup*** *before the loop*, what is ***repeated*** *in the loop* and what needs to be ***post-processed*** *after the loop.*