Learning graph
Year 9 – Python programming with sequences of data

Describe what lists are.
Create lists and access individual elements.

Trace through branches and loops and sketch state.

append, insert, pop, remove, index, sort, reverse

Use variables to keep track of counts.

Combine features to develop solutions to meaningful problems.

Use selection (if) to control the flow of program execution.

Call functions and use the results they return in expressions.

Use iteration (for) to iterate over sequences using for.

Use variables to keep track of sums.

Discover the logic gates AND, NOT, and OR, including their symbols and their truth tables.

Create lists and access individual elements.

Access individual string elements (characters).

Perform common operations on strings.

Perform common operations on lists.

Use selection (if) to control the flow of program execution.

Create lists and access individual elements.

List methods such as insert, remove, index, sort, count, reverse

Use variables to keep track of sums.

Use iteration (for) to iterate over strings.

Use selection (if) to iterate over lists.

Use iteration (for) to iterate over sequences using for.

Call functions and use the results they return in expressions.

Use iteration (for) to iterate over sequences using for.

Use iteration (for) to iterate over lists.

Use iteration (for) to iterate over strings.

Use selection (if) to control the flow of program execution.

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