Exercise 4.1:

Graphical user interface, application

Description automatically generated

Exercise 4.2:

Nothing happens, because the method checks to see if the list length is larger than the index used.

Exercise 4.3:

A picture containing text

Description automatically generated

It moves the object that was at index 1 to index 0.

Exercise 4.4:

Graphical user interface, application

Description automatically generated with medium confidence

Exercise 4.5:

Graphical user interface, text, application, email

Description automatically generated

Exercise 4.6:



Exercise 4.7:

Text

Description automatically generated

Exercise 4.8:

10

Exercise 4.9:

Graphical user interface, application

Description automatically generated with medium confidence

Exercise 4.10:

14

Exercise 4.11:

Graphical user interface, text, application, email

Description automatically generated

Exercise 4.12:

Text, application, table

Description automatically generated

Exercise 4.13:

5

Exercise 4.14:

Text

Description automatically generated with medium confidence

Exercise 4.15:

Text

Description automatically generated with medium confidence

Already did it that way.

Exercise 4.16:

Graphical user interface, text, application, email

Description automatically generated

Exercise 4.17:

Diagram

Description automatically generated

Exercise 4.18:

void listAllFiles() – no parameters needed unless you want to use is to list multiple collections in which case you could have an ArrayList parameter.

Exercise 4.19:

It would depend on how many items were in the collection.

Exercise 4.20:

Table

Description automatically generated

Exercise 4.21:

Background pattern

Description automatically generated with low confidence

Exercise 4.22:

A picture containing square

Description automatically generated

Exercise 4.23:

Table

Description automatically generated with low confidence

Exercise 4.24:

Text

Description automatically generatedGraphical user interface, text, application, email

Description automatically generated

Exercise 4.25:

Graphical user interface, text, application

Description automatically generatedGraphical user interface, application

Description automatically generated

Exercise 4.26:

Graphical user interface, text, application, email

Description automatically generated

Exercise 4.27:

Graphical user interface, text, application, email

Description automatically generated

Exercise 4.28:



Exercise 4.29:

Application

Description automatically generated with medium confidence

Exercise 4.30:

A picture containing table

Description automatically generatedGraphical user interface, text, application

Description automatically generated

Exercise 4.31:



Table

Description automatically generated

Exercise 4.32:

Background pattern

Description automatically generatedText

Description automatically generated with medium confidence

Exercise 4.33:

Graphical user interface, text, application, email

Description automatically generated

Exercise 4.35:

Application

Description automatically generated with low confidence

Exercise 4.36:

Graphical user interface, text, application

Description automatically generated

Exercise 4.37:

Graphical user interface, application

Description automatically generated

Exercise 4.38:

Graphical user interface, text, application, email

Description automatically generated

Exercise 4.39:

Graphical user interface, text, application

Description automatically generated

Exercise 4.40:

Graphical user interface, text, application

Description automatically generated

Exercise 4.41:

Text

Description automatically generated with medium confidence

Exercise 4.42:

Graphical user interface, text, application

Description automatically generated