Chapter 2.2 Question Answers

1. What change is required to output objects containing six integers?

Modify the for loop used in “CreateSetsOfEight” to loop for every index from 0 to 5 rather than 0 to 7.

1. How could you parameterise this in the system to output objects that contain any number of integers?

Create an integer variable to hold the list parameter and substitute it into the for loop in “CreateSetsOfEight”. The variable is then easily changed in “RunThreeToEight”.

1. What happens if number of integers required in the output stream is not a factor of total number of integers in input stream?

Any remaining numbers from input stream are added to an object but because the object is never full it is left out of the output stream and the program can’t terminate.