Write-only Algorithms Exercises

fill()

- What does fill() do?

- What arguments does fill() take?

- What is the return value of fill()?

- Write a simple program that uses fill() to populate a vector

- Write the equivalent code without using fill()

fill_n()

- What does fill_n() do?

- What arguments does fill_n() take?

- What is the return value of fill()?

- Write a simple program using fill_n() to populate a vector

- Write the equivalent code without using fill_n()

fill_n() Caveat

- What problem can occur when using fill_n?

- Write a program which demonstrates this problem

fill_n() Caveat Solutions

- Suggest some solutions for this problem
- Write simple programs to demonstrate your solutions

generate()

- What does generate() do?

- What arguments does generate() take?

- Write a simple program that uses generate() to populate a vector

- Write the equivalent code without using generate()

generate_n()

- What does generate_n() do?
- What arguments does generate_n() take?
- Write a simple program that uses generate_n() to populate a vector
- Write the equivalent code without using generate_n()