73. Write a linear congruential pseudo random number generator of maximum period. Examine the output, and verify that it has maximal period.

74. A linear congruential pseudo random number generator \((m = 63, a = 22, c = 29)\) has generated the output 20, 28, 15, 44, 52. What are the next five pseudo random numbers produced?

75. Read the man page for the \texttt{rand()} function in C. What type of generator is used? Is it cryptographically secure? Why or why not?