

ASSIGNMENT – 5

(Due: 09/19/2012)

Please turn in separate .c files for this assignment. Do not merge them into one.

1. Reading Assignment: Chapter 5 - Structured Programming
2. Use a loop structure to modify your City Tour program from the last chapter so that a user can **continue to use the program until the user decides to stop. What input will you use to end the loop? What kind of loop is best to use?**
3. Use a loop structure to implement the Fibonacci series **displaying the first 20 numbers in the series**
4. Use your dice code to write a program that asks a user for numbers on two dice, snake eyes – 1 1 for example. **Use the srand() and rand() functions and a do/while loop to continuously roll the two dice, showing the output in a row with the sums separated by commas, until the sum matches the user's input. What will you use to check if the dice match the input? Show the number of rolls it took to match:**
E.g. 11, 12, 4, 5

You matched in 4 rolls!