Programming Fundamentals – Spring 2013 (BS-SE-F12 Morning & Afternoon) **Lab # 11**

Instructions:

- Indent your code properly.
- Use meaningful variable and function names. Follow the naming conventions.
- Use meaningful prompt lines/labels for all input/output that is done by your programs.
- Make sure that there are no **dangling pointers** or **memory leaks** in your program.

Task # 1

Write a C++ program for solving **Programming Challenge # 1** (Chapter 9) on Page 537 of your textbook.

Task # 2

Write a C++ program for solving **Programming Challenge** # **5** (Chapter 9) on Page 538 of your textbook.

Task # 3

Write a C++ program for solving **Programming Challenge # 11** (Chapter 9) on Page 539 of your textbook.

Task # 4

Write a C++ program for solving **Programming Challenge # 9** (Chapter 9) on Page 538-539 of your textbook.

Task # 5

Write a C++ program for solving **Programming Challenge # 10** (Chapter 9) on Page 539 of your textbook.

Task # 6

Write a C++ program for solving **Programming Challenge # 8** (Chapter 9) on Page 538 of your textbook.

Task # 7

Write a C++ program for solving **Programming Challenge # 12** (Chapter 9) on Page 539 of your textbook.

Task #8

Write a C++ program for solving **Programming Challenge # 13** (Chapter 9) on Page 539 of your textbook.

Task # 9

Write a C++ program for solving **Programming Challenge # 14** (Chapter 9) on Page 539 of your textbook.