

CMPT120: Introduction to Computing Science and Programming I

Instructor: Hassan Khosravi

Summer 2012

Lab 1

Due: May 23rd

This lab is to be done individually.

The university policy on academic dishonesty (cheating) will be taken very seriously in this course. You may not discuss the specific questions nor their solutions with any other student. You are encouraged to discuss the general concepts involved in the questions. Please take advantage of office hours offered by the instructor and the TAs if you are having difficulties

1. Write Pseudocode to compute all the perfect numbers between 1 to n.

A **perfect number** is a positive integer that is equal to the sum of its proper positive divisors, that is, the sum of its positive divisors excluding the number itself.

2. Write Pseudocode to ask a user how many coins of various types they have and then print the total amount of money in pennies.