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|  | MAKE-UP LAB #1  Operators, Expressions, Constants, and Data Types (including File IO) |  |

This make-up lab exercise is open book/open notes and an individual effort; however, collaboration is permitted with approved TOOP Teacher’s Assistants. This make-up lab will allow you to earn half points on Lab #1. Follow the comments and write the basic structure of a program. You may complete this make-up lab in CodeBlocks or on paper.

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| // import this for console io  // import this for access to strings  // import this for file io  // using the standard namespace  /\*  MAKEUP-LAB #1  TOOP Fall 2021  \*/  // define our entry point  // print a nice welcome message  // declare and initialize x to the value of 20  // declare and initialize y to the value 2  // declare and initialize z to the value 20.24  // print y - x = ...  // declare a string last name  // declare an int months\_age  // request the user's last name  // input the last name into the last\_name variable  // request the user's age in years  // input the user's age in months into the months\_age variable  // print the user's last name and age in months  // create an output file stream called myfile  // open makeup-lab1.txt (in local directory) in append mode (ios::app)  // input the user's name  // close the file  // declare a string called contents  // create an input file stream  // open the output file  // read the second line (hint, you may call getline twice!).  // You may assume makeup-lab1.txt has more than one line.  // print the second line  // Terminate the program |