program 2 grade sheet

CSC 1310, spring 2021

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|  | TOTAL GRADE (OUT OF 100%) |
|  | LATE? You can submit the program up to two days late at 10 points off per day late. |
|  | Did student submit program in a zipped file and include everything needed to compile & run the program?  (subtract **1 point** if not) |
|  | EXECUTION (DOES the program compile with given makefile?) (10%) Program compiles with given Makefile = **10 points**  Program doesn’t compile with given Makefile = **0 points** |
|  | does the program work as specified? (80%)  * **[25 points]** Linked List was created as a template class. ListNode was created as a struct. Attributes head, tail & numNodes were created. Constructor, destructor, getLength, getNodeValue, and insertNode were all created **as specified**. * **[8 points]** A welcome message is printed along with ASCII Art of Gavin. * **[20 points]** LinkedList template object was created correctly, placeFile.txt is loaded properly, Destination objects are dynamically created and then inserted in the LinkedList. * **[5 points]** A list of all destinations is printed out as specified * **[10 points]** Four questions including user’s name, salary, and then two yes/no questions were asked and all input from the user is validated as specified to make sure it is correct data type and in the correct range. * **[10 points]** A random number is generated in the Linked List position range and then a Linked List node value is retrieved at that position and printed to the screen. * **[2 points]** “HAVE FUN” is printed to the screen. |
|  | READABILITY OF CODE (10%)  * Comment block at top of both LinkedList.h and TravelAgent.cpp * Consistent, easy-to-read indentions * Appropriate variable names * No unnecessary code or comments |