

Winter 2017
Due Jan 30

Computer Science 1510 Assignment #2

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- This assignment requires electronic submission of your source code files. Follow the directions under “Submission Details for All Assignments” on the “Links” tab on the course webpage to submit your assignment.
 - It is not necessary to submit hard (printed) copies of your assignment.
 - Be sure to include sufficient comments in your code, and labels in your output.
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1. Write a Fortran program for each of the problems in Question 3 of Assignment #1.
2. Write a Fortran program that reads in a length of time in seconds, and outputs the time in hours, minutes, and seconds. For example, if the user inputs 8241 seconds, the output will be:

8241 seconds is 2 hours, 17 minutes, 21 seconds

3. A toll bridge charges \$3.00 for passenger cars, \$4.00 for buses, and \$6.00 for trucks. If a vehicle is over 2000kg, the toll costs double the amount. Write a Fortran program to output the appropriate toll for a given user input. The program should ask a user to input a CHARACTER corresponding to the vehicle type (C for car, B for bus, T for truck) and then input an INTEGER mass in kg. The output amount should be formatted for traditional currency to two decimal places.