

CMSC131, UMCP, Time Class Exercise

Implement a Java Program that allow us to convert from regular time to military time and vice versa. The specifications for your program are:

1. The program will ask the user whether they want to translate from regular time to military time or vice versa.
2. Military to Regular Time Processing:
 - a. The program will ask the user for an integer value representing military time.
 - b. Once a value has been provided, the program will display the regular time that corresponds to the specified military time.
3. Regular to Military Time Processing:
 - a. The program will read time using the hour:minutes am/pm format.
 - b. The program will display the military time associated with the provided time.
 - c. You can assume the user will provide a valid regular time (no need for error checking).
4. If you finished items 2. and 3. above, add additional functionality that prints the number of minutes since midnight for the time entered by the user.
5. If you finished item 4., add a loop that keeps asking users to translate times until they decide to quit.
6. You don't need to submit this exercise for a grade, however, you are expected to complete it at home (if you cannot finish in lab). Remember, this exercise is valid material for a quiz or exam ☺.
7. Please do not post solutions to this problem in Piazza; feel free to discuss your solutions with a TA.
8. Use the Scanner class for input (not JOptionPane).
9. Feel free to add additional functionality; have fun!!
10. Information about regular and military time can be found at:

<http://www.spacearchive.info/military.htm>