Lab Report 04

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**Problem**

Write a class that will test dates and times inputted by the user and determine whether or not it is valid. This will focus on the usages of methods to organize code.

**Solution**

I followed the lecture to write many methods to separate the work. In the run method, made a while loop for repeat the program. In the loop, prompt for input and get it. Then determine if the input is value with isValue() method. Finally, prompt for user if they want to exit.

In isValue(), just return true if isValidDate(), and isValidTime() are true. In isValidDate(), and isValidTime(), determine them if date and time are value with month, day, hour, and minute methods. Separate every element. Just check them if they are in range.

**Implementation Problems Encountered**

Too many methods I feel so complex. It is hard to organize. Sometimes I ‘m not sure when I should make a method. I also have some types of variable error.

**Lab Report Questions**

1. What is the purpose of a parameter for a method.

Arguments/information passed to method.

1. If a variable is declared in a method, then can it be used outside of that method?

NO

1. If a method returns nothing, then what should its return type be?

void