

CSC 2000

Introduction to C++ Programming Language

Lab 10

15 points

Consider the following definition of the class `dayType` that implements the day of the week in a program.

```
class dayType
{
private:
    string weekDay;

public:
    dayType();
    dayType(string d);
    void setDay(string d);
    string getDay() const;
    string nextDay() const;
    void print() const;
};
```

The class `dayType` stores the day, such as Sun for Sunday. The program performs the following operations on an object of type `dayType`:

- a. Set the day.
 - b. Return the day.
 - c. Return the next day.
 - d. Print the day.
- Create a `dayType.h` file and include the above class in the file.
 - Write the definitions of the functions to implement the operations for the class `dayType` as defined above in addition to the constructors.
 - Write a program to test various operations on this class.
- Make sure you review the Cheating & Plagiarism policy on Canvas.
 - Name the source file "Lab 09".
 - Upload only the source file (.cpp) to the Canvas under "Lab 9" folder no later than the end of the lab.
 - It is your responsibility to make sure that the source file is uploaded "correctly".
 - Do not forget to sign out; do not sign for anyone else.