

# Honors Computer Science C++

## Mr. Clausen

### Program 13B

**Special Note: Every program from Chapter 4 to the end of the year needs to have functions!**

#### **PROBLEM 13B: Schedule (20 points)**

This program should use Enumerated types to represent the days of the week. The program should declare an enumerated type, DayType which lists the days SUN through SAT like the PowerPoint lecture illustrates. The program should have a function Display\_My\_Info() which displays the students information and **void** Get\_Day\_Char( ), which asks the user to enter a character representing the day of the week, u or U for Sunday, m or M for Monday, t or T for Tuesday, w or W for Wednesday, r or R for Thursday, f or F for Friday, and s or S for Saturday. This function should use a “Switch” statement to assign SUN through SAT to the variable “day” depending on what character the user entered. Another function **void** Display\_Schedule( ) should contain a “Switch” statement that checks the variable “day” to determine if the value is SUN through SAT and use “cout” statements to describe the corresponding schedule. For SAT and SUN the cout statements should say “No School today”. For MON, TUES, FRI the cout statements should say “Periods 1-6 meet today”. For WED the cout statement should say “It is a block schedule with Periods 1, 3, and 5”. For THUR the cout statement should say “It is a block schedule with Periods 2, 4, and 6”. Don’t forget that we resume this schedule sometime in February.

If you wish you could add another function, void Get\_Data() that asks the user for the character representing the day of the week and pass the results of this variable to the function Get\_Day\_Char().