

Assignment 4

Due 7 October 7:59am

1 Problem 1

Day of the Week Write a program, using *switch*, such that when given (by the user) a number 0 through 6 outputs the corresponding day of the week. Let 0 be Sunday and 6 be Saturday with the other days falling in between in the usual order. If the number is not in the range 0 through 6 output “ERROR!”.

2 Problem 2

Very Basic Calculator Write a program that prompts the user to choose an operation choice (from 1 to 4). The program will then ask the user to input two integer values for the calculation. Use *switch*.

Example:

1. Add
2. Subtract
3. Multiply
4. Divide

Enter your choice: 1

Enter your two numbers: 12 8

Result: 20

Continue? y

Also, as shown above , the program should ask the user to decide whether they want to continue the operation. If they input y, the program will prompt the user to choose the operation again. Otherwise, the program will terminate.

3 Bonus: 10pts

Numbers To Words Write a program that converts numbers to words. Numbers will be less than 100 and greater than 0 and will be input by the user in a loop. For example, if the user enters 89 your program will output “eighty nine”. If the user enters 13 your program will output “thirteen”. If the user enters 9 then your program will output “nine”...