CMPUT 229 (Winter 2021) - Assignment #3

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## Question 1: (20 points)

In a database, a date of birth is stored into a single 32-bits word in the following format: MDYY, where M is a single byte used to store the month as an unsigned 8-bit integer, D is a single byte used to store the day as an unsigned 8-bit integer, and YY are two bytes used to store the year as an unsigned 16-bit integer. Assume that this word has been loaded into register \$\$0. Write a sequence of MIPS assembly instructions that, after its execution, will result in register \$\$0 containing a 32-bit unsigned integer representing the day of birth extract from the word described above.