CMSI 386 Homework #4

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1. Write Regular Expressions for:

   (a) Canadian Postal Codes:

   [^DFIOQUWZ][\d][^DFIOQU] [\d][^DFIOQU][\d]

   (b) Legal Visa Card Numbers, not including checksums

   4\d{3} (\d{4}){3}

   (c) MasterCard Numbers, not including checksums

   5\d{3} (\d{4}){3}

   (d) Ada 95 numeric literals

   \d(_?\d)*#[\dA-F](_?[\dA-F])*#(E[+-]+[\dA-F](_?[\dA-F])*)?|\d(_?\d)*(\.\d(_

   (e) Strings of letters and numbers beginning with a letter, EXCEPT
   those strings that are exactly three letters ending with two Latin
   letter ohs, of any case.

   ^\w(?![Oo][Oo]$)[\w\d]*