Ruby Practice Exercise #4

*Note that these practice exercises are NOT optional. They are not add-ons to this module – they are part of the **core content** of your course. Do not skip these practice exercises!*

Exercise 4.1 (review Learn Ruby 1 and 7)

Write a Ruby program which accepts two (text) file-names as input (i.e., the names are provided on the command line), computes a digital signature for each file (refer to Learn Ruby 1, slide 8) and compares the two signatures for equality.

Exercise 4.2 (review Learn Ruby 8)

Rewrite the functionality provided by the program in Exercise 4.1 as a module. Use the MD5 checksum technology (refer to Learn Ruby 8, slide 5) to compute the digital signatures. Your module should provide a method called `check_sigs` which takes two parameters (the names of the two text files) and returns a boolean value indicated whether their signatures match or not.

Exercise 4.3 (review Learn Ruby 9)

Rewrite the functionality provide by the module in Exercise 4.2 as a class.

Exercise 4.4 (review Learn Ruby 9 and 10)

Extend the in-built Ruby "String" class to contain two new methods: `to_md5` and `to_sha1` which compute and return the appropriate message digest (signature) for a string.