**Homework # 17**

Please create the ruby script for each assignment (8):

01.   script\_17\_01.rb

Options (2): --first\_fruit apple --second\_fruit banana                                                                                                                                                      or (-f apple -s banana)

Output: My favorite fruits are: apples and bananas

02.   script\_17\_02.rb

Options (2): --first\_fruit apples --second\_fruit bananas                                                                                                                                                  or (-f apples -s bananas)

Output: My favorite fruit is apple or banana

03.   script\_17\_03.rb

Options (2): --first\_number 100 --second\_ number 10                                                                                                                                                    or (-f 100 -s 10)

Output: When I am dividing 100 by 10 I am always have 10!

04.   script\_17\_04.rb

Options (4): --first\_octet 66 --second\_octet 166 --third\_octet 202 --fourth\_octet 14

Output: My IP Address is: 66.166.202.14                                                                                                                                                                                or (-a 66 -b 166 -c 202 -d 14)

05.   script\_17\_05.rb

Options (5): --first\_ number 35 --second\_ number 45 --third\_ number 61 --fourth\_ number 59 --fifth\_ number 73                                   or (-a 35 -b 45 -c 61 -d 59 -e 73)

Output: Average score of (35, 45, 61, 59 and 73) is 54.6

06.   script\_17\_06.rb (use loop)

A.      Options (6): --first\_ number 2 --second\_ number 4 --third\_ number 6 --fourth\_ number 8 --fifth\_ number 10 --sixth\_ number 12                            or (-a 2 -b 4 -c 6 -d 8 -e 10 -f 12)

B.      Options (10): -a 23 -b 15 -c 97 -d 45 -e 365 -f 1234 -g 523665 -h 45 -i 2971 -j 22145

A.      Output: The summary of the following numbers is: 7

B.      Output: The summary of the following numbers is: 55060.5

07.   script\_17\_07.rb (use regex)

A.      Options (6): --sentence Wednesday morning, John Smith was walking on the street.

B.      Options (10): --sentence Monday evening, Alex More was walking on the street.

A.      Output: His name is: "John Smith"

B.      Output: His name is: "Alex More"

08.   script\_17\_08.rb (use array, sort)

Options (4): --first\_season Spring --second\_ season Summer --third\_ season Fall --fourth\_ season Winter                                            or (-a Spring -b Summer -c Fall -d Winter)

Output: Here are sorted (alphabetically) words: Fall Spring Summer Winter