**Homework # 22**

Please create the ruby script for each assignment (8) using CSV file as an input and OptionParser or Trollop:

01.  script\_22\_01.rb

Input: input\_22.csv

**C:\>ruby script\_22\_01.** **rb -o ./hw\_22/etc/input\_22.csv –l 1** -l: line

Output: My favorite fruits are: apples and bananas

02.  script\_22\_02.rb

Input: input\_22.csv

**C:\>ruby script\_22\_02.** **rb -o ./hw\_22/etc/input\_22.csv –l 2**

Output: My favorite fruit is apple or banana

03.  script\_22\_03.rb

Input: input\_22.csv

**C:\>ruby script\_22\_03.** **rb -o ./hw\_22/etc/input\_22.csv –l 3**

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

04.  script\_22\_04.rb

Input: input\_22.csv

**C:\>ruby script\_22\_04.** **rb -o ./hw\_22/etc/input\_22.csv –l 4**

Output: My IP Address is: 66.166.202.14

05.  script\_22\_05.rb

Input: input\_22.csv

**C:\>ruby script\_22\_05.** **rb -o ./hw\_22/etc/input\_22.csv –l 5**

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

06.  script\_22\_06.rb (use loop)

Input: input\_22.csv

**C:\>ruby script\_22\_06.** **rb -o ./hw\_22/etc/input\_22.csv –l 6**

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

Input: input\_22.csv

**C:\>ruby script\_22\_06.** **rb -o ./hw\_22/etc/input\_22.csv –l 7**

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

07.  script\_22\_07.rb (use regex)

Input: input\_22.csv

**C:\>ruby script\_22\_07.** **rb -o ./hw\_22/etc/input\_22.csv –l 8**

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

Input: input\_22.csv

**C:\>ruby script\_22\_07.** **rb -o ./hw\_22/etc/input\_22.csv –l 9**

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

08.  script\_22\_08.rb (use array, sort)

Input: input\_22.csv

**C:\>ruby script\_22\_08.** **rb -o ./hw\_22/etc/input\_22.csv –l 10**

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

input\_22.csv (dropbox/ITA/Course/Homeworks/22/input\_22.csv)

|  |  |
| --- | --- |
| 1.  2.  3.  4.  5.  6.  7.  8.  9.  10. | apple,banana  apples,bananas  100,10  66,166,202,14  35,45,61,59,73  2,4,6,8,10,12  23,15,97,45,365,1234,523665,45,2971,22145  Wednesday morning, John Smith was walking on the street.  Monday evening, Alex More was walking on the street.  Spring,Summer,Fall,Winter |