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

01.  script\_24\_01.rb

Input: input\_24.json

**C:\>ruby script\_24\_01.rb -o ./hw\_24/etc/input\_24.json**

Output: My favorite fruits are: apples and bananas

02.  script\_24\_02.rb

Input: input\_24.json

**C:\>ruby script\_24\_02.rb -o ./hw\_24/etc/input\_24.json**

Output: My favorite fruit is apple or banana

03.  script\_24\_03.rb

Input: input\_24.json

**C:\>ruby script\_24\_03.rb -o ./hw\_24/etc/input\_24.json**

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

04.  script\_24\_04.rb

Input: input\_24.json

**C:\>ruby script\_24\_04.rb -o ./hw\_24/etc/input\_24.json**

Output: My IP Address is: 66.166.202.14

05.  script\_24\_05.rb

Input: input\_24.json

**C:\>ruby script\_24\_05.rb -o ./hw\_24/etc/input\_24.json**

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

06.  script\_24\_06.rb (use loop)

Input: input\_24.json

**C:\>ruby script\_24\_06.rb -o ./hw\_24/etc/input\_24.json**

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

Input: input\_24.json

**C:\>ruby script\_24\_06.rb -o ./hw\_24/etc/input\_24.json**

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

07.  script\_24\_07.rb (use regex)

Input: input\_24.json

**C:\>ruby script\_24\_07.rb -o ./hw\_24/etc/input\_24.json**

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

Input: input\_24.json

**C:\>ruby script\_24\_07.rb -o ./hw\_24/etc/input\_24.json**

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

08.  script\_24\_08.rb (use array, sort)

Input: input\_24.json

**C:\>ruby script\_24\_08.rb -o ./hw\_24/etc/input\_24.json**

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

input\_24.json (dropbox/ITA/Course/Homeworks/24/input\_24.json)

|  |  |
| --- | --- |
| 1.  2.  3.  4.  5.  6.  7.  8.  9.  10.  11.  12.  13.  14.  15.  16.  17.  18.  19.  20.  21.  22.  23.  24.  25.  26.  27.  28.  29.  30.  31.  32.  33.  34.  35.  36.  37.  38.  39.  40.  41.  42.  43.  44.  45.  46.  47.  48.  49.  50.  51.  52.  53.  54.  55.  56.  57.  58.  59.  60.  61.  62.  63.  64.  65.  66.  67.  68.  69.  70.  71.  72.  73.  74.  75.  76.  77.  78.  79.  80.  81.  82.  83.  84.  85.  86.  87. | {  "script\_24\_01.rb":                                      {                                      "fruit\_a" : "apple",                                      "fruit\_b" : "banana"                                      }  },  {  "script\_24\_02.rb":                                      {                                      "fruits\_a" : "apples",                                      "fruits\_b" : "bananas"                                      }  },  {  "script\_24\_03.rb":                                      {                                      "int\_a" : "100",                                      "int\_b" : "10"                                      }  },  {  "script\_24\_04.rb":                                      {                                      "octet\_1" : "66",                                      "octet\_2" : "166",                                      "octet\_3" : "202",                                      "octet\_4" : "14"                                      }  },  {  "script\_24\_05.rb":                                      {                                      "int\_a" : "35",                                      "int\_b" : "45",                                      "int\_c" : "61",                                      "int\_d" : "59",                                      "int\_e" : "73"                                      }  },  {  "script\_24\_06\_A.rb":                                      {                                      "int\_a" : "2",                                      "int\_b" : "4",                                      "int\_c" : "6",                                      "int\_d" : "8",                                      "int\_e" : "10",                                      "int\_f" : "12"                                      }  },  {  "script\_24\_06\_B.rb":                                      {                                      "int\_a" : "23",                                      "int\_b" : "15",                                      "int\_c" : "97",                                      "int\_d" : "45",                                      "int\_e" : "365",                                      "int\_f" : "1234",                                      "int\_g" : "523665",                                      "int\_h" : "45",                                      "int\_i" : "2971",                                      "int\_j" : "22145"                                      }  },  {  "script\_24\_07\_A.rb":                                      {                          "sentence" : " Wednesday morning, John Smith was walking on the street."                                      }  },  {  "script\_24\_07\_B.rb":                                      {                          "sentence" : " Wednesday morning, John Smith was walking on the street."                                      }  },  {  "script\_24\_08.rb":                                      {                                      "season\_a" : "Spring",                                      "season\_b" : "Summer",                                      "season\_c" : "Fall",                                      "season\_d" : "Winter"                                      }  } |