**Homework # 28**

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

                                                  --input (-i) : input file

01.  script\_28\_01. rb                                                                                        --db (-d)    : db name

Input: input\_28\_01.sql                                                                            -- table (-t): table name

|  |  |
| --- | --- |
| 1.  2. | apple  banana |

**C:\>ruby script\_28\_01.rb -i ./hw\_28/etc/input\_28\_01.sql -d d\_hw\_28 -t t\_28\_01**

Output: My favorite fruits are: apples and bananas

02.  script\_28\_02.rb

Input: input\_28\_02.sql

|  |  |
| --- | --- |
| 1.  2. | apples  bananas |

**C:\>ruby script\_28\_02.rb -i ./hw\_28/etc/input\_28\_02.sql -d d\_hw\_28 -t t\_28\_02**

Output: My favorite fruit is apple or banana

03.  script\_28\_03.rb

Input: input\_28\_03.sql

|  |  |
| --- | --- |
| 1.  2. | 100  10 |

**C:\>ruby script\_28\_03.rb -i ./hw\_28/etc/input\_28\_03.sql -d d\_hw\_28 -t t\_28\_03**

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

04.  script\_28\_04.rb

Input: input\_28\_04.sql

|  |  |
| --- | --- |
| 1.  2.  3.  4. | 66  166  202  14 |

**C:\>ruby script\_28\_04.rb -i ./hw\_28/etc/input\_28\_04.sql -d d\_hw\_28 -t t\_28\_04**

Output: My IP Address is: 66.166.202.14

05.  script\_28\_05.rb

Input: input\_28\_05.sql

|  |  |
| --- | --- |
| 1.  2.  3.  4.  5. | 35  45  61  59  73 |

**C:\>ruby script\_28\_05.rb -i ./hw\_28/etc/input\_28\_05.sql -d d\_hw\_28 -t t\_28\_05**

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

06.  script\_28\_06.rb (use loop)

Input: input\_28\_06\_A.sql

|  |  |
| --- | --- |
| 1.  2.  3.  4.  5.  6. | 2  4  6  8  10  12 |

**C:\>ruby script\_28\_06.rb -i ./hw\_28/etc/input\_28\_06\_A.sql -d d\_hw\_28 -t t\_28\_06\_A**

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

Input: input\_28\_06\_B.sql

|  |  |
| --- | --- |
| 1.  2.  3.  4.  5.  6.  7.  8.  9.  10. | 23  15  97  45  365  1234  523665  45  2971  22145 |

**C:\>ruby script\_28\_06.rb -i ./hw\_28/etc/input\_28\_06\_B.sql -d d\_hw\_28 -t t\_28\_06\_B**

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

07.  script\_28\_07.rb (use regex)

Input: input\_28\_07\_A.sql

|  |  |
| --- | --- |
| 1. | Wednesday morning, John Smith was walking on the street. |

**C:\>ruby script\_28\_07.rb -i ./hw\_28/etc/input\_28\_07\_A.sql -d d\_hw\_28 -t t\_28\_07\_A**

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

Input: input\_28\_07\_B.sql

|  |  |
| --- | --- |
| 1. | Monday evening, Alex More was walking on the street. |

**C:\>ruby script\_28\_07.rb -i ./hw\_28/etc/input\_28\_07\_B.sql -d d\_hw\_28 -t t\_28\_07\_B**

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

08.  script\_28\_08.rb (use array, sort)

Input: input\_28\_08.sql

|  |  |
| --- | --- |
| 1.  2.  3.  4. | Spring  Summer  Fall  Winter |

**C:\>ruby script\_28\_08.rb -i ./hw\_28/etc/input\_28\_08.sql -d d\_hw\_28 -t t\_28\_08**

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