1.

require 'trollop'

opts = Trollop::options do

opt :first, "first", :short => "-a", :type => :string

opt :second, "second", :short => "-b", :type => :string

end

puts "My favourite fruts are: #{opts[:first]}s and #{opts[:second]}s"

Output

PS C:\qaa\hw\_18> ruby script\_18\_01.rb --first banana --second apple

My favourite fruts are: bananas and apples

2.

PS C:\ITA> ruby script\_18\_02.rb --first banana --second apple

C:\Ruby200-x64\bin\ruby.exe: No such file or directory -- script\_18\_02.rb (LoadError)

PS C:\ITA> cd ..

PS C:\> cd QAA

PS C:\QAA> cd HW\_18

PS C:\QAA\HW\_18> ruby script\_18\_02.rb --first bananas --second apples

script\_18\_02.rb:14: syntax error, unexpected keyword\_end, expecting end-of-input

end.parse!

^

PS C:\QAA\HW\_18> ruby script\_18\_02.rb --first bananas --second apples

My favourite fruts are: banana and apple

PS C:\QAA\HW\_18> ping github.com

Pinging github.com [204.232.175.90] with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 204.232.175.90:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

PS C:\QAA\HW\_18> ruby script\_18\_02.rb --first bananas --second apples

My favourite fruits are: banana and apple

PS C:\QAA\HW\_18> ruby script\_18\_02.rb --first bananas --second apples

My favourite fruits are: banana and apple

PS C:\QAA\HW\_18> ruby script\_18\_03.rb --first 100 --second 10

script\_18\_03.rb:11: syntax error, unexpected tLABEL

puts "a / b = #{opts[:first] / opts:[second:]}"

^

script\_18\_03.rb:11: unterminated string meets end of file

PS C:\QAA\HW\_18> ruby script\_18\_03.rb --first 100 --second 10

a / b = 10.0

PS C:\QAA\HW\_18> ruby script\_18\_04.rb --first 100 --second 10 --third 202 --fourth 14

C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:126:in `opt': you already have an argument named 'fir

st' (ArgumentError)

from script\_18\_04.rb:10:in `block in <main>'

from C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:82:in `call'

from C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:82:in `initialize'

from C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:709:in `new'

from C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:709:in `options'

from script\_18\_04.rb:7:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_04.rb --first 100 --second 10 --third 202 --fourth 14

C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:126:in `opt': you already have an argument named 'fir

st' (ArgumentError)

from script\_18\_04.rb:10:in `block in <main>'

from C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:82:in `call'

from C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:82:in `initialize'

from C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:709:in `new'

from C:/Ruby200-x64/lib/ruby/gems/2.0.0/gems/trollop-2.0/lib/trollop.rb:709:in `options'

from script\_18\_04.rb:7:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_04.rb --first 100 --second 10 --third 202 --fourth 14

My IP Address is: 100.10.202.14

PS C:\QAA\HW\_18> ruby script\_18\_05.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

My IP Address is: 100.0,10.0,202.0,14.0 and 30.0 = 71.2

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21:in `block in <main>': undefined method `to\_f' for [:first, 100.0]:Array (NoMethodError)

from script\_18\_06.rb:19:in `each'

from script\_18\_06.rb:19:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21:in `+': Array can't be coerced into Fixnum (TypeError)

from script\_18\_06.rb:21:in `block in <main>'

from script\_18\_06.rb:19:in `each'

from script\_18\_06.rb:19:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21:in `block in <main>': undefined method `to\_f' for [:first, 100.0]:Array (NoMethodError)

from script\_18\_06.rb:19:in `each'

from script\_18\_06.rb:19:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21:in `block in <main>': undefined method `to\_float' for [:first, 100.0]:Array (NoMethodError)

from script\_18\_06.rb:19:in `each'

from script\_18\_06.rb:19:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21: syntax error, unexpected ':', expecting keyword\_end

sum += num :type=> :float

^

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21:in `block in <main>': undefined method `to\_f' for [:first, 100]:Array (NoMethodError)

from script\_18\_06.rb:19:in `each'

from script\_18\_06.rb:19:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

first

100

script\_18\_06.rb:21:in `block in <main>': undefined method `to\_f' for [:first, 100]:Array (NoMethodError)

from script\_18\_06.rb:19:in `each'

from script\_18\_06.rb:19:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:19: syntax error, unexpected '}', expecting =>

{opts}.each do |num|

^

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:19: syntax error, unexpected '}', expecting =>

{opts}.each do |num|

^

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

{:first=>100, :second=>10, :third=>202, :fourth=>14, :fifth=>30, :help=>false, :first\_given=>true, :second\_given=>true,

:third\_given=>true, :fourth\_given=>true, :fifth\_given=>true}

first

100

script\_18\_06.rb:23:in `block in <main>': undefined method `to\_f' for [:first, 100]:Array (NoMethodError)

from script\_18\_06.rb:21:in `each'

from script\_18\_06.rb:21:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

first

100

script\_18\_06.rb:23:in `block in <main>': undefined method `to\_f' for [:first, 100]:Array (NoMethodError)

from script\_18\_06.rb:21:in `each'

from script\_18\_06.rb:21:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21:in `<main>': undefined method `each' for 100:Fixnum (NoMethodError)

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21: syntax error, unexpected '}', expecting =>

{opts[:first]}.each do |num|

^

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21:in `<main>': undefined local variable or method `opt' for main:Object (NameError)

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:21:in `<main>': undefined local variable or method `options' for main:Object (NameError)

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100,10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:25:in `/': divided by 0 (ZeroDivisionError)

from script\_18\_06.rb:25:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:25:in `/': divided by 0 (ZeroDivisionError)

from script\_18\_06.rb:25:in `<main>'

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

Average score of following numbers: 100, 10, etc is 0.0

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Average score of following numbers: 100, 10, etc is 0.0

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Average score of following numbers: 100, 10, etc is 0.0

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0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

{:first=>100, :second=>10, :third=>202, :fourth=>14, :fifth=>30, :help=>false, :first\_given=>true, :second\_given=>true,

:third\_given=>true, :fourth\_given=>true, :fifth\_given=>true}

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:19:in `<main>': undefined local variable or method `opt' for main:Object (NameError)

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

0

Average score of following numbers: 100, 10, etc is 0.0

PS C:\QAA\HW\_18> ruby script\_18\_06.rb --first 100 --second 10 --third 202 --fourth 14 --fifth 30

script\_18\_06.rb:17:in `<main>': undefined method `opts' for main:Object (NoMethodError)

PS C:\QAA\HW\_18>