https://pastebin.com/raw/BGPBFEDH

Array:

``````

=> In array we will access the values using the index.

=> Array variables must begin with @ like

@array1 = ("natasha", "dheeraj", 1.222, 22);

@array2 = (10,20,30);

$array1[0] - To print one element

@array1 - To print complete array

$#array1 - To count total elements as per index in array

To print :

```````````

#!/usr/bin/perl

use strict;

use warnings;

my @array1 = ("natasha", "dheeraj", 1.222, 22);

my @array2 = (10,20,30);

print "OUT1: $array1[0()]\n";

print "OUT2: $array2[0]\n";

print "OUT2: $#array2\n"; # gives size of array

print "OUT2: @array2\n";

# perl script.pl

OUT1: natasha

OUT2: 10

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Multidimentional Array:

`````````````````````````

#!/usr/bin/perl -w

use strict;

my @array = (

["one","ONE","One","OnE"], #<= This is array[0]

["two","TWO","Two","TwO","twO"], #<= This is array[1]

["three","THREE","Three","ThreE","threE","ThrEe"] #<= This is array[2]

);

print "\$array[0][0] = $array[0][0]\n"; ## Out: one

print "\$array[0][1] = $array[0][1]\n"; ## Out: ONE

print "\$array[0][2] = $array[0][2]\n"; ## Out: One

print "\$array[1][0] = $array[1][0]\n"; ## Out: two

print "\$array[1][1] = $array[1][1]\n"; ## Out: TWO

print "\$array[1][2] = $array[1][2]\n"; ## Out: Two

print "\$array[2][0] = $array[2][0]\n"; ## Out: three

print "\$array[2][1] = $array[2][1]\n"; ## Out: THREE

print "\$array[2][2] = $array[2][2]\n"; ## Out: Three

print "Count total array as elements of \$#array = $#array\n";

print "Count total elements of \$#array[0] = $#{$array[0]}\n";

print "Count total elements of \$#array[1] = $#{$array[1]}\n";

print "Count total elements of \$#array[2] = $#{$array[2]}\n";

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TO PRINT ENTIRE MULTIDIMENTIONAL ARRAY:

```````````````````````````````````````

You can use Data::Dump: [package]

``````````````````````````````````

#!/usr/bin/perl -w

use strict;

use Data::Dump ("dump");

my @array = (

["one","ONE","One","OnE"], #<= This is array[0]

["two","TWO","Two","TwO","twO"], #<= This is array[1]

["three","THREE","Three","ThreE","threE","ThrEe"] #<= This is array[2]

);

dump(@array);

dump(@array[0]);

dump(@array[1]);

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

o