



PW Serie No. 6: Indexed Variables

1 Dimension Arrays

Exercise 01:

1. Write the following array in Python:

1	2	3	4	5	6	7
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2. Show the array using print function.
3. Show the 4th element of the array.
4. Add the number 8 to the array using append function.
5. Delete the 2nd element from the array using pop function.
6. Delete the number 5 from the array using remove function.

Exercise 02:

1. Write a python code that asks the user 6 numbers and store them in an array.
2. Show the element of the array one by one using for loop.
3. In the same code try to calculate the sum of the elements in the array and show it.

Exercise 03:

Write a Python program that creates an array T3 from two arrays T1 and T2 of the same length. The new array will be the sum of the elements from the two original arrays.

T1	5	7	12	43	52	9	54	3
			+					
T2	3	4	2	8	10	31	32	1
			=					
T3	8	11	14	51	62	40	86	4

2 Dimensions Arrays

Exercise 01:

1. Write the following 2D array (Matrix) in Python:

1	2	3
4	5	6
7	8	9

2. Show the matrix using print function.
3. Show the element which is in the 2nd row and 1st column.
4. Change the element which is in the 2nd row and 2nd column with the number 10.
5. Delete the 2nd row using pop function.

Exercise 02:

1. Write a python code that asks the user 6 numbers and store them in a 2x3 Matrix (2 rows and 3 columns).
2. Show the element of the array one by one using for loop.
3. In the same code try to calculate the sum of the elements in the array and show it.

Exercise 03:

Write a python program that shows all odd numbers from the following matrix:

1	2	3
4	5	6
7	8	9