

Challenge: Swap Keys with Values of an Associative Array

Here is a coding challenge to test your knowledge of foreach loop and associative arrays.

WE'LL COVER THE FOLLOWING ^

- Problem statement
- Input
- Output
- Challenge

We know that associative arrays provide a map from keys to values. This mapping is unidirectional: values are accessed by keys but not the other way around.

Problem statement

Assume that you are given an associative array `names` as having strings names as element values. Use this associative array and a `foreach` loop to initialize another associative array called `values`. The new associative array should contain element values that correspond to the keys of the array names.

Input

```
string[int] names = [ 1:"one", 7:"seven", 20:"twenty" ];
```

Output

```
writeln(values["twenty"]); //prints 20
```

Challenge

```
import std.stdio;
```



```
void Swap() {  
    string[int] names = [ 1:"one", 7:"seven", 20:"twenty" ];  
  
    // write your code here  
  
    write(values["twenty"]);  
}
```



Code to swap keys with values

In the next lesson, you will find a solution to this challenge.