

Part 2: Questions

You can use any Python IDE. The free online version is <https://www.online-python.com>. You are given 20 minutes to complete the coding problem below.

Coding Problem 1

Given an array of integers, `nums`, and an integer `target`, your task is to find the indices of two distinct numbers in the array that sum up to the `target` value.

Assume that there is exactly one unique solution for each input, and you cannot use the same element twice. The solution may be returned in any order.

- **Example 1**

Input: `nums = [2, 3, 13, 17]`, `target = 16`

Output: `[1, 2]`

Explanation: The elements at indices 0 and 1 sum up to 5 (`nums[0] + nums[1] = 5`), so `[0, 1]` is returned.

```
def search_indices(nums, target):  
    # Write your logic here
```

```
nums = [2, 3, 13, 17]  
target = 16  
print(search_indices(nums, target))
```