

## 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.

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### Coding Problem

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:**

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

**Output:** `[1, 2]`

```
def search_indices(nums, target):  
    # Write your logic here  
  
nums = [2, 3, 13, 17]  
target = 16  
print(search_indices(nums, target))
```