Solution Review: Check Sum

This lesson provides the solution to the check sum exercise.

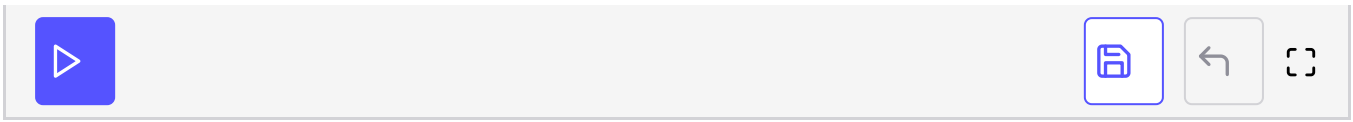
WE'LL COVER THE FOLLOWING

- Solution
  - Explanation

Solution

```
def check_sum(num_list, num):
  for first_num in range(len(num_list)):
    for second_num in range(first_num + 1, len(num_list)):
      if num_list[first_num] + num_list[second_num] == num:
        return True
  return False

num_list = [10, -14, 26, 5, -3, 13, -5]
print (check_sum(num_list, -8))
```



Explanation

We used a nested `for` loop to obtain all the possible pairs in the list. By using `range()`, we make sure that the inner loop always starts one index ahead of the outer loop and this removes the possibility of a comparison being repeated.

Now that we are done with Python refresher, let's move on to arrays in Python.