3 Sum 3 Arrays

```python
class Solution(object0:
  def exist(self, a, b, c, target):
    """
    input: int[] a, int[] b, int[] c, int target
    return: boolean
    """
    # write your solution here
    if not a or not b or not c:
      return False
    s = set(a)
    for bnum in b:
      for cnum in c;
        if target - bnum - cnum in s:
          return true
    return False
```