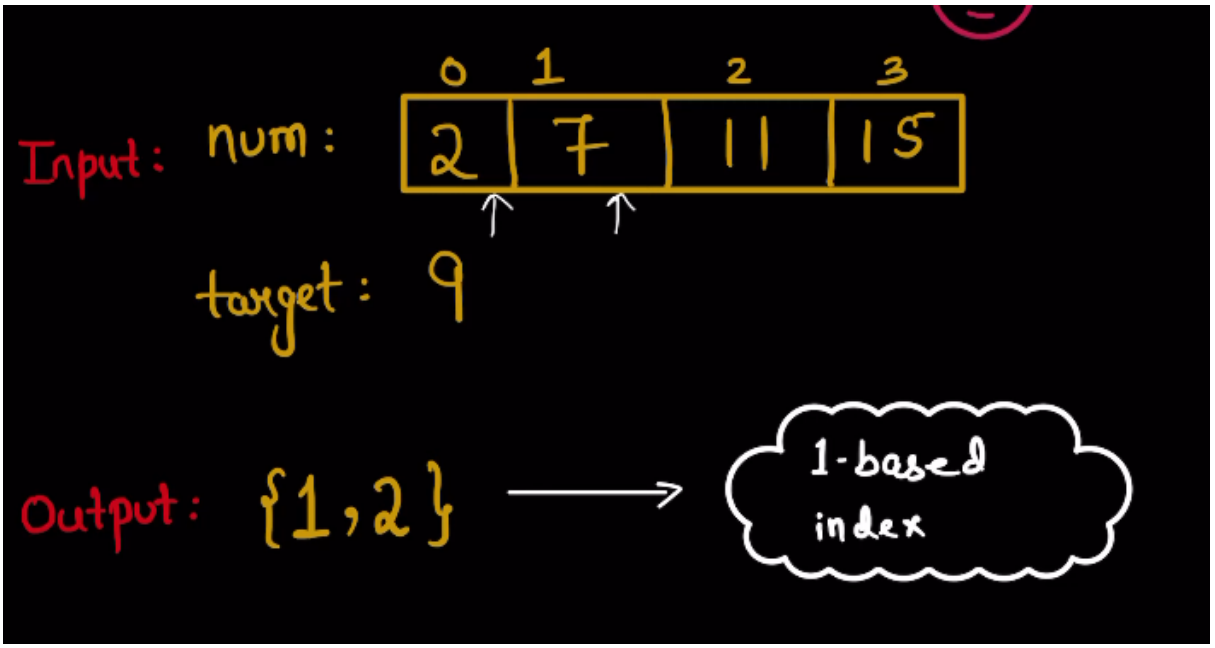
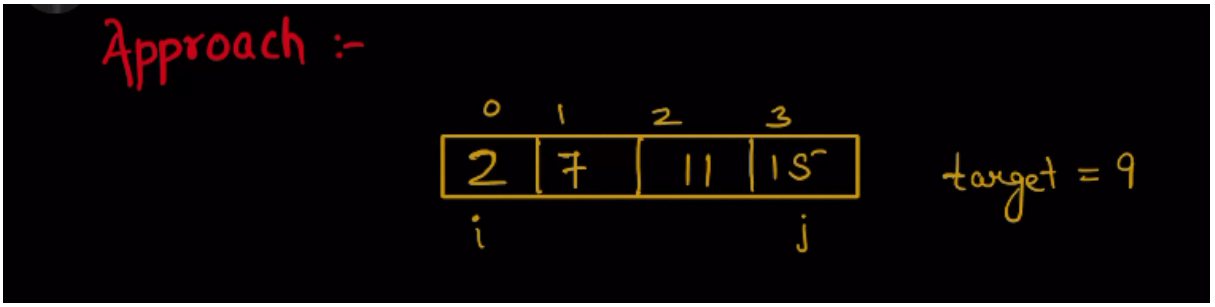
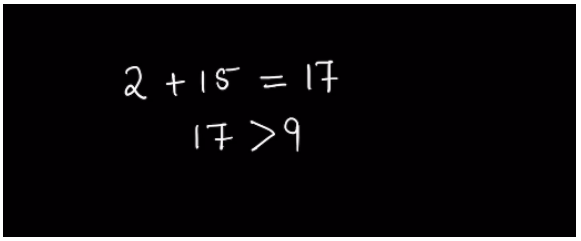
2. Two Sum II Input Array Is Sorted- 20/08/24 (Easy)

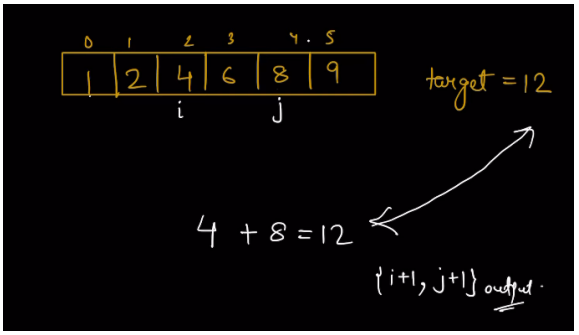
input is sorted

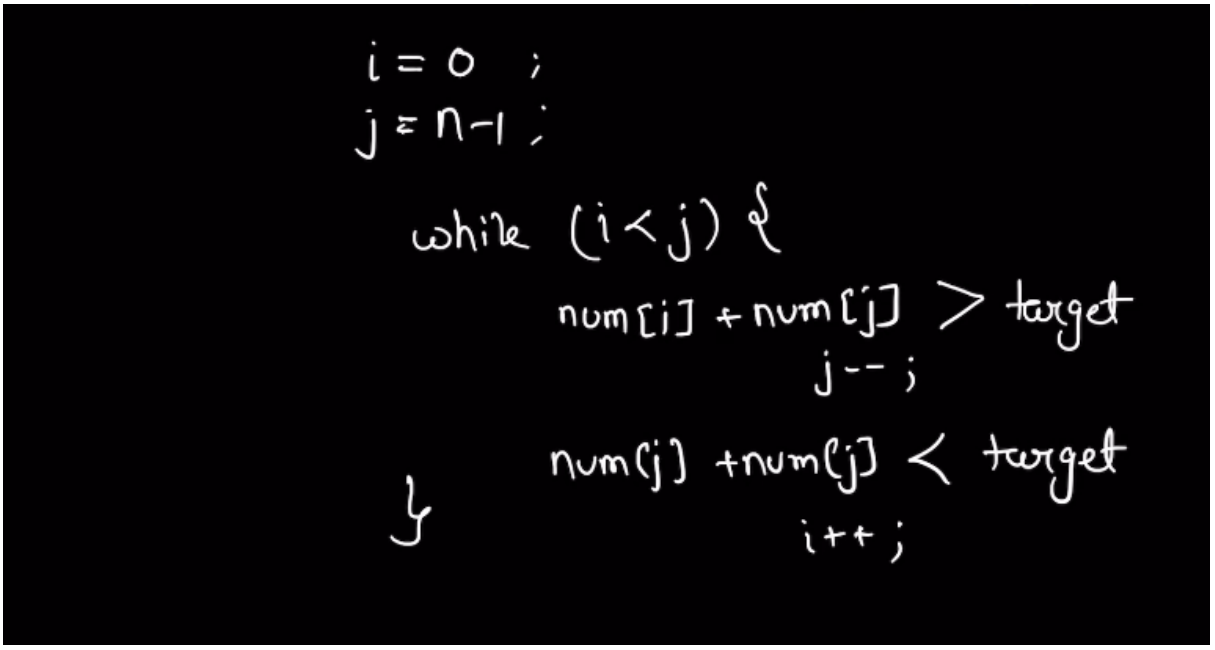




add i+j and see if == target
if number is greater then j - -
else i ++







Solution

```
class Solution {
public:
    vector<int> twoSum(vector<int>& numbers, int target) {
        int n = numbers.size();
        int i=0;
        int j=n-1;

        while(i<j){
            int sum = numbers[i]+numbers[j];
```

```
            if(sum>target){
                j--;
            }else if(sum<target){
                i++;
            }else{
                return {i+1,j+1};
            }
        }
        return {};
    }
};
```