```
public int answerQuery(int[] pref, int l, int r){
    if(l==0) return pref[r];
    return pref[r] - pref[l-1];
}
```

```
public int[] sumQuery(int[] arr, int[][] queries) {
    // Your code here.
    int n = arr.length;
    //Step 1: create prefix sum array
    int[] pref = new  int[n];
    pref[0] = arr[0];
    for(int i = 1;i<n;i++){
        pref[i]= arr[i] + pref[i-1];
    }
    int[] res = new int[queries.length];
    for(int i = 0;i<queries.length;i++){
        int l = queries[i][0];
        int r = queries[i][1];
        res[i] = answerQuery(pref,l,r);
    }
    return res;
}
```