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vector<int> getModifiedArray(int length, vector<vector<int> > updates)
    vector<int> result(length, 0);
   for (auto& tuple : updates) {
  int start = tuple[0], end = tuple[1], val = tuple[2];
        result[start] += val;
        if (end < length - 1)</pre>
           result[end + 1] -= val;
   // partial_sum applies the following operation (by default) for the parameters \{x[0], x[n], y[0]\}:
   // y[0] = x[0]
   // y[1] = y[0] + x[1]
   // y[2] = y[1] + x[2]
   // ... ...
   // y[n] = y[n-1] + x[n]
   partial_sum(result.begin(), result.end(), result.begin());
   return result;
vector<int> getModifiedArray(int length, vector<vector<int> > updates)
   vector<int> result(length, 0);
    for (auto& tuple : updates) {
       int start = tuple[0], end = tuple[1], val = tuple[2];
        for (int i = start; i <= end; i++) {</pre>
            result[i] += val;
   return result;
```

The LeetCoding Challenge + GIVEAWAY! The X

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