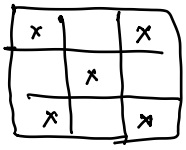
Only STL

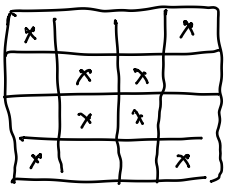
#**&&**

#C++STL

Diagonal Sum of a Matrix :-

vector<vector<int>> mat





```
result = accumulate(mat.begin, end, 0, λ)
                                  ↳ initial value

int row = 0;
auto λ = [&](int sum, vector<int> arr){
        sum += arr[row];
        if (row != arr.size() - row - 1)
            sum += arr[arr.size() - row - 1]
        row++
        return sum }
```

Smallest Letter Greater Than target :-

i/p : letters : [a, b, f, g] target : c

o/p : f

```
return letters[ upper_bound(letters.begin, end, target)
                - letters.begin()];
```

```
String str = "A Brown fox jumped"
StringStream ss(str);
vector<string> words; string token;
while (getline(ss, token, ' '))
{     words.pushBack(token); }
```