Combination Sum

// picking

int main(){

// coming back
ds.pop_back();

int target = 7;
vector<int> ds;

return 0;

f(0, ds, target, arr);

ds.push_back(arr[index]);

f(index + 1, ds, target, arr);

vector<int> arr = {2,3,6,7};

f(index, ds, target - arr[index], arr);

- We are given an array {2, 3, 6, 7} and we need to print all the possible combinations required to reach a target 7. - The main catch here is that element can be repeated any number of times, we want all possible combinations. - answer would be [2,2,3] and [7]. #include<bits/stdc++.h> using namespace std; void f(int index, vector<int> ds, int target, vector<int> arr){ - The logic is simply that you have to implement pick and not pick. // base case -{2,3,6,7} if(target < 0){</pre> - For the answer of { 2, 2, 3 }, we need to do return ; if(index == arr.size()){ if(target == 0){ for(auto i : ds){ - We need to think of how to incorporate the multiple pick. cout << i << " "; cout << endl;</pre> f(index, , target) : This is the basic building block return;





