ninjassolutions.s3.amazonaws.com/00000000000000636.cpp #include <iostream> using namespace std; int coin_change(int n, int* d, int numD, int** output) { if (n == 0) { return 1; if (n < 0) { return 0; if (numD == 0) { return 0; if (output[n][numD] > -1) { return output[n][numD]; int first = coin_change(n - d[0], d, numD); int second = coin_change(n, d + 1, numD - 1); output[n][numD] = first + second; return first + second; } int main() { int $d[2] = \{1, 2\};$ // allocate 2d array here, n + 1 * numD + 1 $^{\prime}$ // put all -1 cout << coin_change(4, d, 2) << endl;</pre> }