```
o Inc main() (
       int n, k;
       cin >> n >> k;
       d[0][0] = 1LL;
       for (int i=1; i<=k; i++) {
10
           for (int j=0; j<=n; j++) {
               for (int l€0) <=j l++) {
11
                   d[i][j] += d[i-1][abl];
12
13
                   d[i][j] %= mod;
14
15
16
       cout << d[k][n] << '\n';
17
18
       return 0;
19 }
```

D(4)[0] = D(3)[0] + D(3)[0] D(4)[0] = D(3)[0] + D(3)

O(KN) Sum O[0]+ D[0]+ D[3] D(8) + ()T() + ()T(2) + ()T(3) next_Sum