139. Word Break <medium>

***Dynamic Programming***

bool wordBreak(string s, vector<string>& wordDict) {

unordered\_set<string> Set(wordDict.begin(), wordDict.end());

int N = s.size();

vector<bool> dp(N+1);

dp[0] = true;

for(int i = 1; i <= N; i++){

for(int m = 0; m < i; m++){

string word = s.substr(m, i-m);

if(dp[m] && Set.count(word)){

dp[i] = true;

break;

}

}

}

return dp[N];

}