**НОП**

void in()

{

ifstream cin("input.txt");

cin >> n;

for (int i = 1; i <= n; i++)

cin >> s1[i];

cin >> m;

for (int i = 1; i <= m; i++)

cin >> s2[i];

}

void solution()

{

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

for (int j = 1; j <= m; j++){

s1[i]==s2[j] ? d[i][j]=d[i-1][j-1]+1 : d[i][j]= max(d[i-1][j], d[i][j-1]);

}

}

int i = n, j = m;

while (d[i][j] != 0){

while (d[i][j-1] == d[i][j]) j--;

while (d[i-1][j] == d[i][j]) i--;

ans.PB(s1[i]);

i--;j--;

}

reverse(ans.begin(), ans.end());

}

void out()

{

ofstream cout("output.txt");

if (ans.SZ > 0){

for (int i = 0 ; i < ans.SZ-1; i++)

cout << ans[i] << " ";

cout << ans[ans.SZ-1];

}

cout << "\n";

}