**Алгоритм Прима**  
int n, ans, treeSZ;

int s[MAXN], d[MAXN], w[MAXN][MAXN], inTree[MAXN];

void in()

{

ifstream cin("agrinet.in");

cin >> n;

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

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

cin >> w[i][j];

}

void solution()

{

treeSZ = 1;

inTree[1] = 1;

for (int i = 2; i <= n; i++) d[i] = w[1][i];

while(treeSZ < n){

int small = INF, sID;

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

if( !inTree[i] && d[i] < small){

small = d[i];

sID = i;

}

}

treeSZ++;

ans += d[sID];

inTree[sID] = 1;

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

if( !inTree[i] && d[i] > w[sID][i]){

d[i] = w[sID][i];

s[i] = sID;

}

}

}

}

void out()

{

ofstream cout("agrinet.out");

cout << ans << "\n";

}