**Skanline**

vector <pair <int,int> > sg;

bool cmp(pair <int, int> pi1, pair <int, int> pi2)

{

if (pi1.first != pi2.first)

{

return pi1.first < pi2.first;

}

else

{

return pi1.second > pi2.second;

}

}

int main()

{

cin >>st >> fn;

cin>>n;

for(int i=0;i<n;i++)

{

int s,f;

cin >> s >>f;

sg.push\_back(make\_pair(s,1));

sg.push\_back(make\_pair(f,-1));

}

sort(sg.begin(), sg.end(), cmp);

cout <<"\nVIVOD:\n";

for(int i=0; i < sg.size(); i++)

{

cout <<"koor: "<< sg[i].first <<" flag: "<< sg[i].second<< "\n";

}

return 0;

}