**//Hash\_LOJ\_1058**

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Uses: where you can’t take that long sized array, mapping of two or more value.

If u use map<pair,>, u will get TLE/MLE in that case.

SET all head value to -1

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int ans, inc, head[MX+2], next[MX+2];

int getHash( int x, int y) // take the folding method HASH random change a bit. . .

{

int h = 0;

h = ((x << 2) + (x >> 4)) ^ (y << 10);

h = h% MX;

h = h <0? h + MX: h;

return h;

}

void insrt(int a, int b)

{

int h=getHash(a, b);

for(int i=head[h]; i!=-1; i=next[i])

{

if(point[i].x==a && point[i].y==b)

{

ans+=point[i].cnt++; //calculation depends on your problem

return;

}

}

point[inc].x=a;

point[inc].y=b;

point[inc].cnt=1;

next[inc]=head[h];

head[h]=inc++;

return;

}