#include <cstdio>

#include <vector>

using namespace std;

int s;

bool t[1010];

bool g[1010][1010];

vector<int> e[1010];

void dfs(int p)

{

int i;

for (i = e[p].size()-1; i >= 0; i--)

if (!t[e[p][i]])

{

t[e[p][i]] = 1;

g[s][e[p][i]] = 1;

dfs(e[p][i]);

}

}

int main()

{

freopen("ranking.in", "r", stdin);

freopen("ranking.out", "w", stdout);

int n, m, p, q, i, j;

scanf("%d%d", &n, &m);

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

{

scanf("%d%d", &p, &q);

g[p-1][q-1] = 1;

e[p-1].push\_back(q-1);

}

for (s = 0; s < n; s++)

{

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

t[i] = 0;

t[s] = 1;

dfs(s);

}

m = 0;

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

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

m += !g[i][j] && !g[j][i];

printf("%d\n", m);

return 0;

}