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// Duyet do thi theo chieu Sau dung DeQuy
#include <stdio.h>
int mark[100];
// List
typedef struct {
    int data[100];
    int size;
} List;
void make_null_list(List* L) {
    L->size = 0;
}
void push_back(List* L, int x) {
    L->data[L->size] = x;
    ++L->size;
}
int element_at(List* L, int i) {
    return L->data[i - 1];
}
// Graph
typedef struct {
    int A[100][100];
    int n;
} Graph;
void init_graph(Graph* G, int n) {
    G->n = n;
    int i, j;
    for (i = 1; i <= n; ++i) {
        for (j = 1; j \le n; ++j) {
            G \rightarrow A[i][j] = 0;
        }
    }
}
void add_egde(Graph* G, int x, int y) {
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G\rightarrow A[x][y] = 1;
    G->A[y][x] = 1;
}
int adjacent(Graph* G, int x, int y) {
    return G->A[x][y];
}
List neighbors(Graph* G, int x) {
    int y;
    List list;
    make_null_list(&list);
    for (y = 1; y \leftarrow G->n; ++y) {
        if (adjacent(G, x, y)) {
             push_back(&list, y);
    }
    return list;
}
void traversal(Graph* G, int x) {
    if (mark[x]) {
        return;
    }
    printf("%d\n", x);
    mark[x] = 1;
    List list = neighbors(G, x);
    int j;
    for (j = 1; j <= list.size; ++j) {</pre>
        int y = element_at(&list, j);
        traversal(G, y);
    }
}
void depth_first_search(Graph* G) {
    int i;
    for (i = 1; i \leftarrow G-n; ++i) {
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if (!mark[i]) {
            traversal(G, i);
        }
    }
}
int main() {
    //freopen("dt.txt", "r", stdin);
    Graph G;
    int n, m, i, x, y;
    scanf("%d%d", &n, &m);
    init_graph(&G, n);
    for (i = 1; i \leftarrow m; ++i) {
        scanf("%d%d", &x, &y);
        add_egde(&G, x, y);
    }
    for (i = 1; i \le n; ++i) {
        mark[i] = 0;
    }
    depth_first_search(&G);
    return 0;
}
```