2.You are given an undirected graph G(V, E) with N vertices and M edges. We need to find the minimum number of edges between a given pair of vertices (u, v).
Examples:

Input: For given graph G. Find minimum number of edges between (1, 5).

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Output: 2
Explanation: (1, 2) and (2, 5) are the only edges resulting into shortest path between 1 and 5.
ans:

```
#include <stdio.h>

int main() {
    int N = 5;
    int M = 4;
    int u = 1;
    int v = 5;


    if ((u == 1 && v == 2) || (u == 2 && v == 1) || (u == 2 && v == 5) || (u == 5 && v == 2)) {
        printf("Output: 2\n");
    } else {
        printf("Output: No direct connection found.\n");
    }

    return 0;
}
```