Aim:

Convert graph (adjacency matrix) to edge count.

Algorithm:

1. Read the adjacency matrix.
2. Count number of 1s above diagonal (undirected graph).
3. Output edge count.

Code:

```
#include <stdio.h>

int main() {
    int g[3][3] = {{0,1,1}, {1,0,1}, {1,1,0}}, edges = 0;
    for(int i = 0; i < 3; i++)
        for(int j = i+1; j < 3; j++)
            if(g[i][j]) edges++;
    printf("Minimum edges: %d\n", edges);
    return 0;
}
```

Input:

```
Adjacency matrix with 3 nodes
```

Output:

```
Minimum edges: 3
```

Result:

Edge count successfully printed.