

```

void out_matrix(int x1[N][M], int x2[N][M]) {
    int i, j;
    i = 0;
    while (i < N) {
        j = 0;
        while (j < M) {
            x2[i][j] = x1[i][j] * 2;
            j = j + 1;
        }
        i = i + 1;
    }
}

```

```

1 while (i < n)
2 {
3     // do something
4     i++;
5 }

```