int nextRow = 0; # the bag of tasks
double a[n,n], b[n,n], c[n,n];

process Worker[w = 1 to P] {
    int row;
    double sum; # for inner products
    while (true) {
        # get a task
        row = nextRow; nextRow++;
        if (row >= n)
            break;
        compute inner products for c[row,*];
    }
}

Figure 3.20 Matrix multiplication using a bag of tasks.

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