```
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.