```
1  int foo(int* U, int* V, int N, int M) {
2    int i, j;
3    #pragma omp parallel
4    #pragma omp single
5    for(i = 0; i < N; i++) {
6      #pragma omp task depend(in: V[i*N:i*N+M]) \
7                                  if (5 * M < WORK_CUTOFF)
8      for (j = 0; j < M; j++) {
9        U[i] += V[i*N + j];
10     }
11   }
12   return 1;
13 }
```

```
movl    (%rsi,%rax,4), %r11d
movslq  %r9d, %rbx
addl    %r11d, (%rdi,%rbx,4)
incl    %r10d
incl    %eax
```