```
int a[N];
#pragma xmp nodes P(4)
#pragma xmp template T(0:N-1)
                                     N-1
                template T
#pragma xmp distribute T(block) onto P
        N/4-1 N/2-1 3*N/4-1
                                     N-1
    node1
            node2
                      node3
                               node4
#pragma xmp align a[i] with T(i)
        N/4-1 N/2-1 3*N/4-1
                                     N-1
             node2
                      node3
                               node4
            node2
                      node3
                               node4
/* • • • */
#pragma xmp loop(i) on T(i) reduction(+:res)
for (i = 0; i < N; i++) {
 a[i] = func(i);
 res += a[i];
```