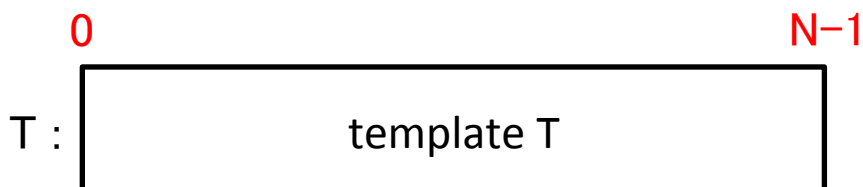


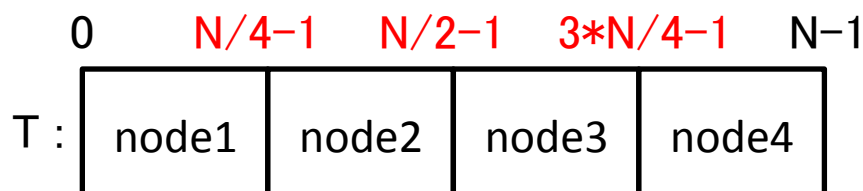
```
int a[N];
```

```
#pragma xmp nodes P(4)
```

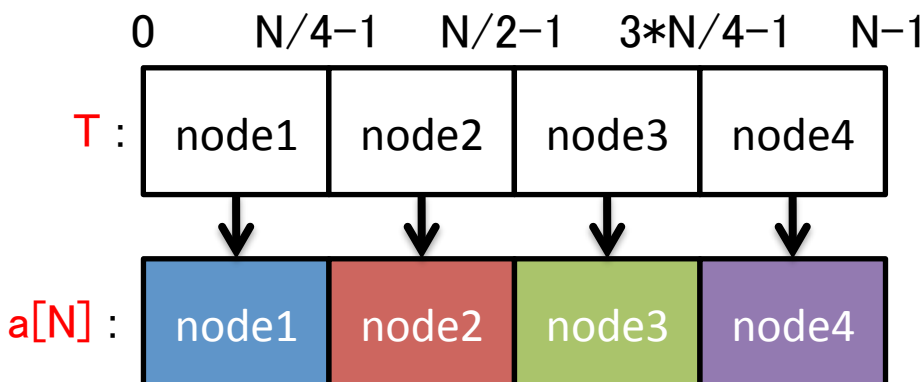
```
#pragma xmp template T(0:N-1)
```



```
#pragma xmp distribute T(block) onto P
```



```
#pragma xmp align a[i] with T(i)
```



```
/* ... */
```

```
#pragma xmp loop(i) on T(i) reduction(+:res)
```

```
for (i = 0; i < N; i++) {
```

```
    a[i] = func(i);
```

```
    res += a[i];
```

```
}
```