

```
1 main() {
```

```
2 // Serial code
```

```
3 setup();
```

```
4 sort();
```

```
5
```

```
6 #pragma omp parallel for
```

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

```
8     a[i] = a[i] + 1;
```

```
9 }
```

```
10
```

```
11 #pragma omp parallel for
```

```
12 for(int i = 0; i < N - 1; ++i)
```

```
13     a[i] = a[i + 1];
```

```
14 }
```

```
15
```

```
16 #pragma omp parallel
```

```
17 {
```

```
18     sort();
```

```
19 }
```

```
20
```

```
21 // Serial code
```

```
22 printResults();
```

```
23 }
```

} Serial code blacklisted

← Used in serial and parallel code

} No data dependency
code blacklisted

{ } Potentially racy
code instrumented

} Potentially racy
code instrumented

} Serial code blacklisted