The code each block "sees":

Block 1

```
__global__ void add( int *a, int *b, int *c ) {
  int tid = 0;       // handle the data at this index
  if (tid < N)
    c[tid] = a[tid] + b[tid];
}
```

Block 2

```
__global__ void add( int *a, int *b, int *c ) {
  int tid = 1;       // handle the data at this index
  if (tid < N)
    c[tid] = a[tid] + b[tid];
}
```