

```
for (int i = 0; i < N; ++i) {  
    c[i] = a[i] + b[i]  
}
```

| | | | |
|------|------|------|------|
| a[0] | a[1] | a[2] | a[3] |
|------|------|------|------|

+

| | | | |
|------|------|------|------|
| b[0] | b[1] | b[2] | b[3] |
|------|------|------|------|

=

| | | | |
|------|------|------|------|
| c[0] | c[1] | c[2] | c[3] |
|------|------|------|------|