```c
#define N 999

void add(unsigned int a, unsigned int c[]){

        for (int i=0;i<N;i++)
        {
                c[i] = a[i] >> 2;
        }
}
```

```
[…]
.LBB0_2:
        vsetivli  zero, 4, e32, m1, ta, mu
        vle32.v   v25, (a3)
        vsrl.w    v25, v25, 2
        vse32.v   v25, (a4)
        addi      a5, a5, -4
        addi      a4, a4, 16
        addi      a3, a3, 16
        bnez      a5, .LBB0_2
[…]
```