```
#define N 999
                                              .LBB0 2:
void add(unsigned int a, unsigned int c[]){
                                                       vsetivli zero, 4, e32, m1, ta, mu
                                                       vle32.v v25. (a3)
        for (int i=0;i< N;i++)
                                                       vsrl.w v25, v25, 2
                                                       vse32.v v25. (a4)
                 c[i] = a[i] >> 2:
                                                       addi
                                                            a5, a5, -4
                                                       addi
                                                               a4, a4, 16
                                                       addi
                                                               a3, a3, 16
                                                       bnez
                                                                a5. .LBB0 2
```