

```
#define N 999
```

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

```
[...]
```

```
.LBB0_2:
```

```
    vsetivli    zero, 4, e32, m1, ta, mu  
    vle32.v     v25, (a7)  
    vle32.v     v26, (a5)  
    vsub.w      v25, v25, v26  
    vse32.v     v25, (a3)  
    addi        a4, a4, -4  
    addi        a3, a3, 16  
    addi        a5, a5, 16  
    addi        a7, a7, 16  
    bnez        a4, .LBB0_2
```

```
[...]
```