

```
// scyxxx 2051xxxx YourName
// Filename: CW.hdl
/*
 *
 * it is the main chip to finish the cw
 */
```

```
CHIP CW{
    IN
        inID[16],inMARK[16],
        load,
        probe,
        address[2],
        sl,
        priority[2];
    OUT
        outID[16],
        outMARK[16],
        sum[16],
        avg[16],
        overflow;

    PARTS:
        // write your code here.
}
```