

MERGESORT - EXAMPLE

$$V = \begin{bmatrix} 7 & 6 & 4 & 8 & 2 & 0 & 1 & 9 \\ 6 & 7 & 4 & 8 & 0 & 2 & 1 & 9 \\ 4 & 6 & 7 & 8 & 0 & 1 & 2 & 9 \\ 0 & 1 & 2 & 4 & 6 & 7 & 8 & 9 \end{bmatrix}$$

$S(e, d)$

```

void MERGESORT(int *V, int e, int d) {
    int m;
    if (e < d) {
        m = (e + d) / 2;
        MERGESORT(V, e, m);
        MERGESORT(V, m + 1, d);
        MERGE(V, e, m, d);
    }
}
    
```

