

7)

```
index_min0=0; min0=v[0];
for (i=1;i<N; i++)
    if (min0>v[i]) {
        index_min0=i;
        min0=v[i];
    }

for ( i=2;i<N; i+=2) {
    if ( aux0>v[i+0] ) {
        index_min0=i+0;
        aux0=v[index_min0];
    }
    if ( aux1>v[i+1] ) {
        index_min1=i+1;
        aux1=v[index_min1];
    }
    if ( aux1<aux0) {
        index_minimum = index_min1;
        minimum = aux1;
    }
else {
        index_minimum = index_min0;
        minimum = aux0;
    }
}
```