// assume void process\_array(int A[], int N) has time complexity Θ(NlgN)

for(t=0; t<N; t++) {

for(k=1; k<X; k=k\*2) {

count = t;

while (count>0) {

count -= 2;

printf("C");

}

process\_array( nums, X );

}

}

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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