Algorithm_hw3

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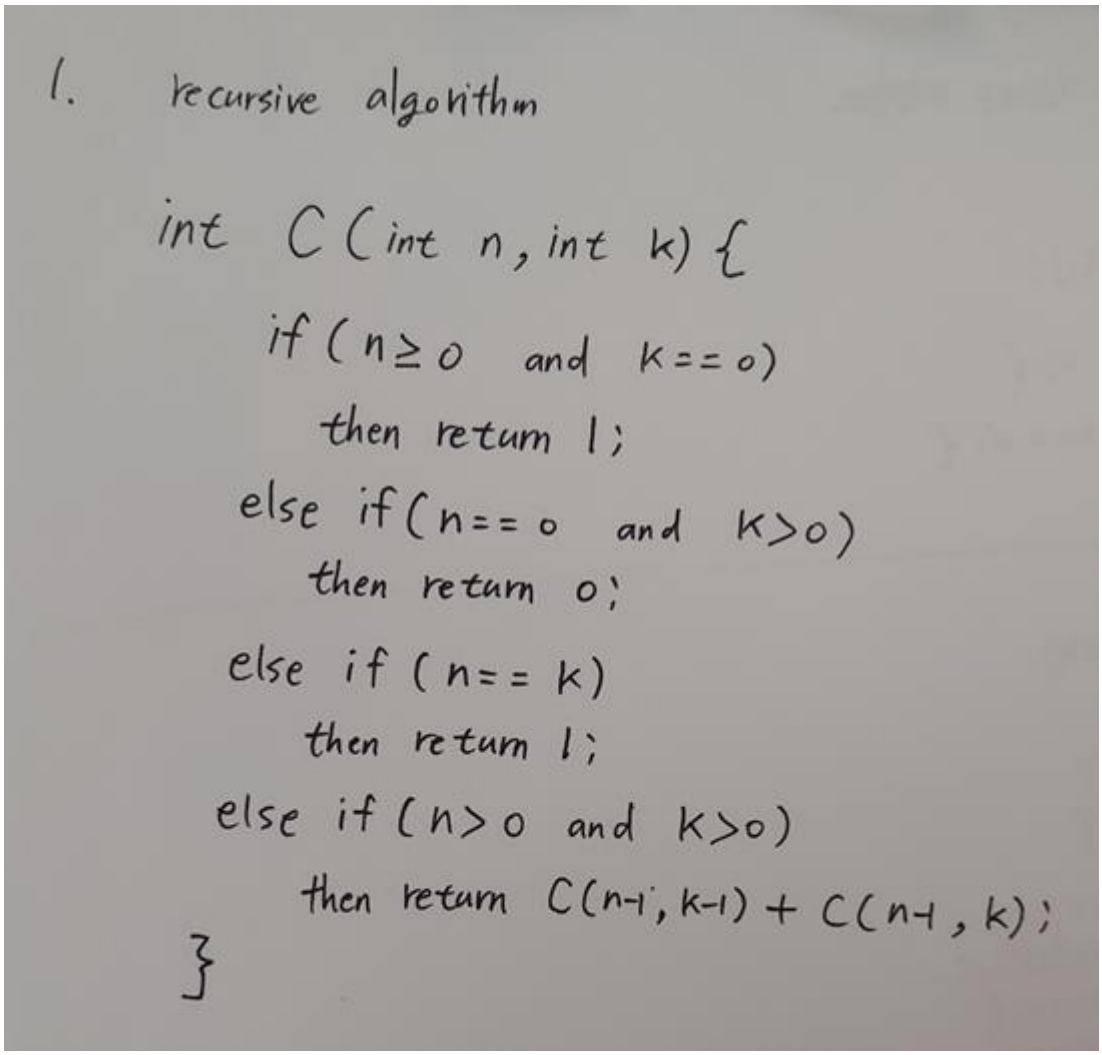
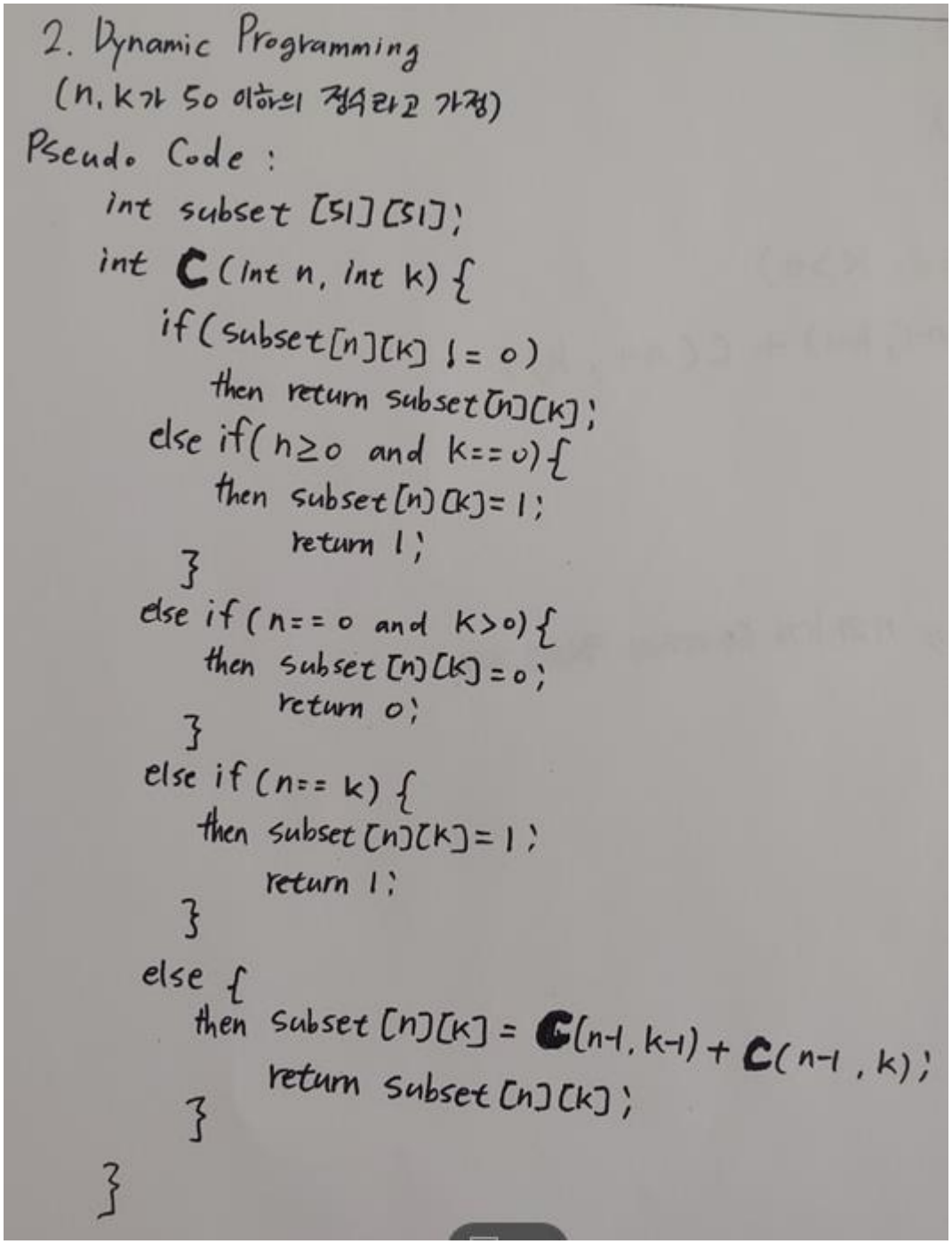
- **Problem 1 :**



- **Problem 2 :**


2. Dynamic Programming
(n, k가 50 이하의 정수라고 가정)
Pseudo Code :
int subset [51] [51];
int C (int n, int k) {
if (subset[n][k] != 0)
then return subset[n][k];
else if(n≥0 and k==0) {
then subset[n][k]=1;
return 1;
}
else if (n==0 and k>0) {
then subset[n][k]=0;
return 0;
}
else if (n== k) {
then subset[n][k]=1;
return 1;
}
else {
then subset[n][k] = C(n-1, k-1) + C(n-1, k);
return subset[n][k];
}
}