1. <https://leetcode.com/problems/letter-combinations-of-a-phone-number/submissions/>
2. <https://www.geeksforgeeks.org/count-pairs-in-a-sorted-array-whose-product-is-less-than-k/>
3. Given a set of nonnegative distinct integers, and a value K, find out number of subsets of the given set with sum divisible by K using exactly M integer elements of array.

It can be done using 3 state dp.l

dp[i][j][k] = number of subset till i index using j number of elements in current subset and k as current modulo.

long solve (int i,int j,int k)

{

if(j==M)

return k==0;

if(i==n)

return 0;

if(dp[i][j][k

]!=-1)

return dp[i][j][k]; return dp[i][j][k] = solve(i+1,j,k) + solve(i+1,j+1,(k+a[i])%K);

}