**Policemen catch thieves:-**

Given an array of size n that has the following specifications:

1. Each element in the array contains either a policeman or a thief.
2. Each policeman can catch only one thief.
3. A policeman cannot catch a thief who is more than K units away from the policeman.

We need to find the maximum number of thieves that can be caught.

Examples:

Input : arr[] = {'P', 'T', 'T', 'P', 'T'},

k = 1.

Output : 2.

Here maximum 2 thieves can be caught, first

policeman catches first thief and second police-

man can catch either second or third thief.

Input : arr[] = {'T', 'T', 'P', 'P', 'T', 'P'},

k = 2.

Output : 3.

Input : arr[] = {'P', 'T', 'P', 'T', 'T', 'P'},

k = 3.

Output : 3.