* 10^6 test cases take 1 sec.
* Value of int

1. Inside main =
2. Outside main =

* An array can store at max. 10^6 nos.(i.e. its size can be 10^6 maximum.)
* Max(f,g)= O(f+g) where, f and g are 2 functions of n
* 1/2(n^2) + 3n + 8 = O(n^2)
* M^k x | f(n) | = | f(n+k) | (matrix exponentiation)  
   | f(n-1) | |f(n+k-1)|