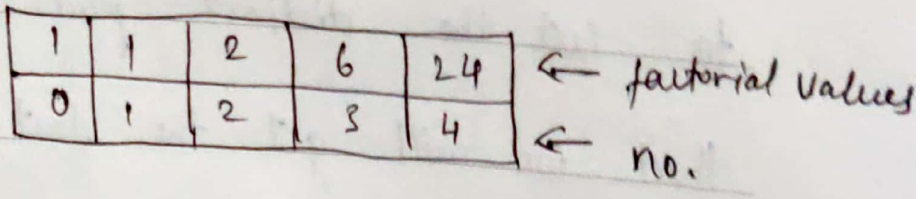
Large factorial

Hashmap solution :

The idea is to create a hashmap where each index no. will represent its factorial value. eg



Traverse the array to find max number. So, that we can create an array Hashmap of size max number

While observing above figure we get that

arr[i] = i x arr[i-1] i.e factorial for each index.

Now, traverse the given array & find factorial of its number at index position of factorial array

a[i] = factorial_array[a[i]]

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