

Class Task

Ref: Dr. Machbah Uddin

Recommended Books	
Book	Author
Classic Data Structures 2nd Edition	Debasis Samanta

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1. Given a memory address of the initial cell index, derive the equation for the memory address of the n-th cell index.

Example: For the initial memory address of "0FA" derive the equation for the 80-th cell index.

Ans: memory address of n-th cell index = initial memory address + (cell size * n)

2. Given the *size(n)* of an array, declare it and find the index differences between the *key(k)* numbers.

Input Format:

n k
arr[n]

Output Format:

Print the index difference between the first two *key(k)* numbers.

Extra: Calculate the memory difference between the two *key(k)* numbers