

Step 3: Add ALL the positional numbers generated in step 2 to get the FNAL Result Which represents the room number in Hotel Double Cross, i.e. Room number

7 + 4 = 20

- Note:
- 1) There will always be THREE input arrays 2) All 3 arrays will have the same number of elements
 - 4) The array elements will always be positive numbers greater than 0 3) The number of array elements is specified by input4 Example 2: Let us now assume the 3 input arrays are as given below.

input1 = $\{10,33,5,40,120,98,1\}$

input 4 = 7 (the number of elements in each of the input arrays) input2 = $\{121,78,21,32,91,340,72\}$ input3 = $\{65,320,72,84,32,843,40\}$

Step 1: The new set of elements by adding numbers present at the same index in the s Step2: Picking up numbers from input1, input2 and input3 based on the output three arrays will be (196,431,98,156,243,1281,113)

1 (number present at position 196 in input1)

Step1 we get:

32 (number present at position 431 in input2) 40 (number present at position 98 in input3)

33 (number present at position 156 in input1) 91 (number present at position 243 in input2) 40 (number present at position 1281 in input3) Step3: Sum of these numbers gives the Room Number: 247 10 (number present at position 113 in input1)

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