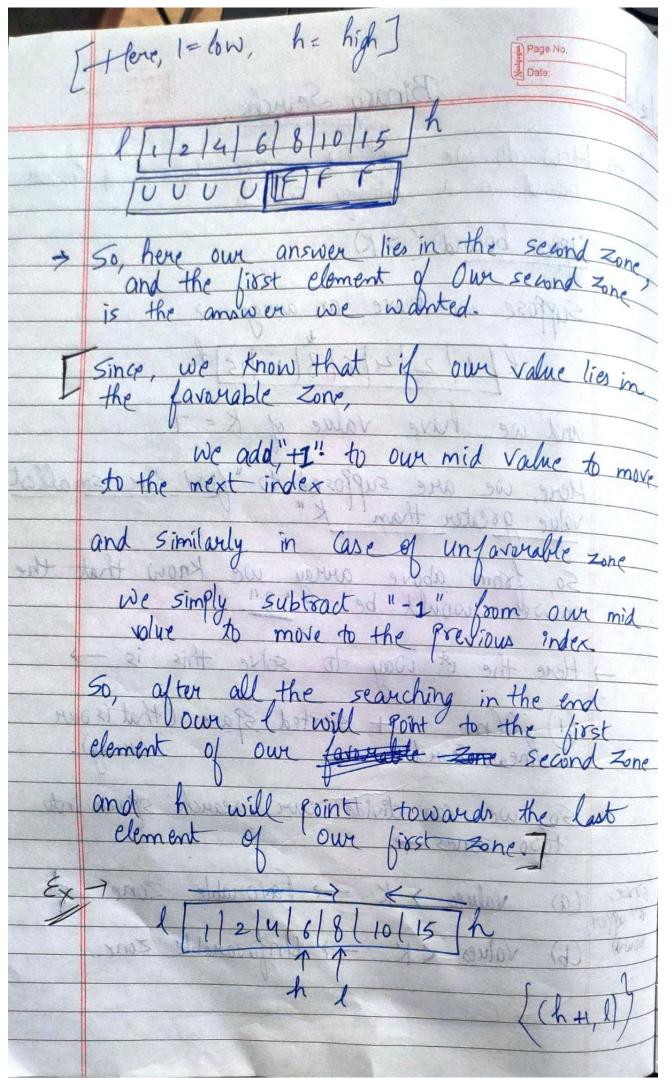
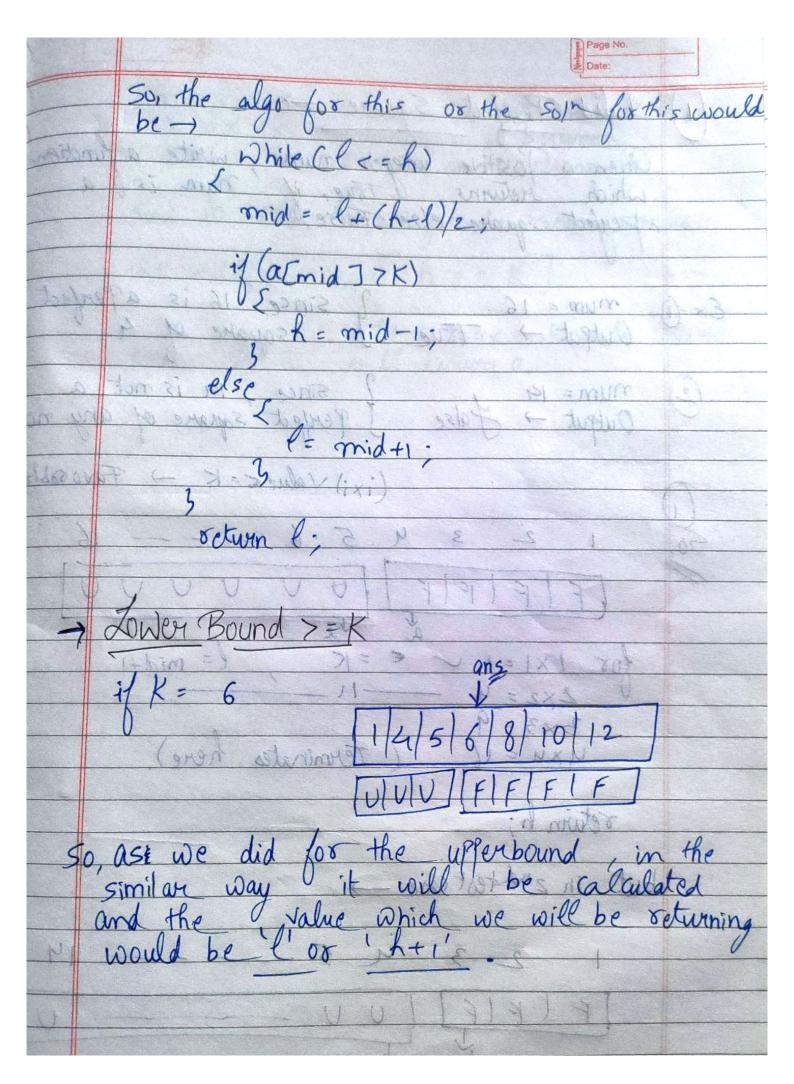
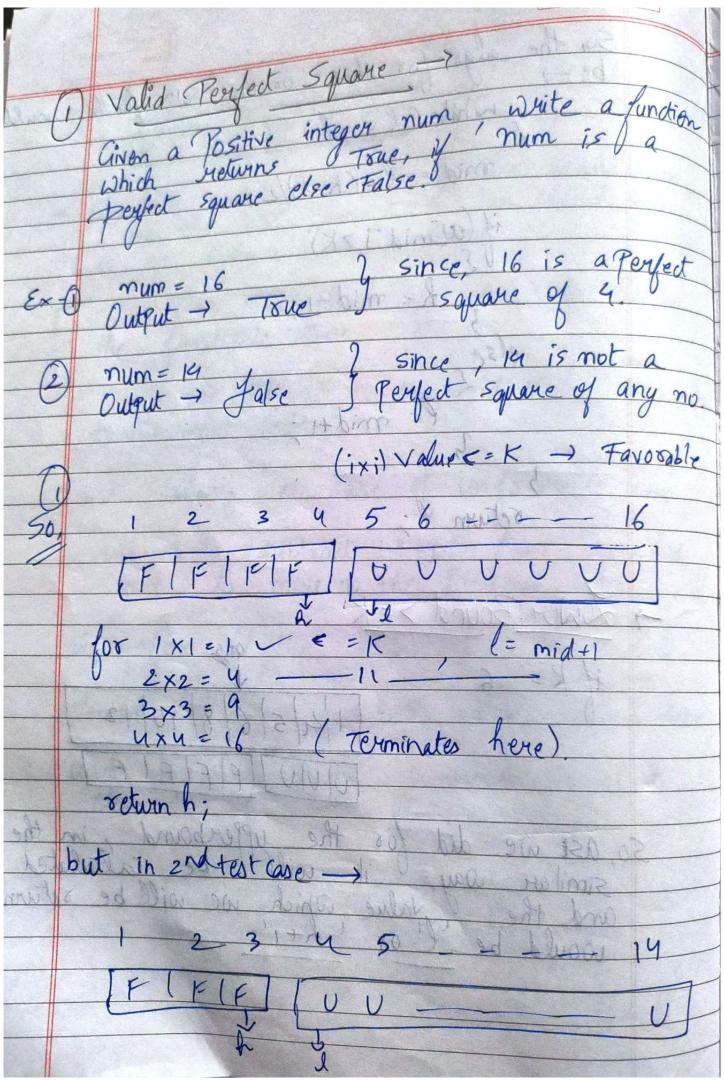
Binary Search -> How do we calculate upper bound & bound in a binary search · Upper bound (>K) and the last element Suppose we have an away -> and we have value of K=7 Here, we are supposed to "find the smallest Value greater than K" end similarly in case So, from above away we know that the answer would be 1811 Here the it way to solve this is -(i) o(n) + Sorted space (that is own array). So, we can divide our search space into too zones (a) values > K -> Favorable Zone & (b) values < K -> Unfavorable zone

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	since 3x3 = 9 3 — 14 lies somewhere in between, so we cannot return h
	so we cann't return here
	said get the connect answer
	we will [seturn, hxh = = K]
	true, else it will return o.
-	