



## Assignment Content

### Question 1

Binary search can only be implemented in recursive manner.

(A) True

(B) False

### Question 2

What is average case time complexity of binary search? (n is the number of elements in the array)

(A) order of  $n \log n$

(B) order of  $\log n$

(C) order of  $n$



What is worst case time complexity of binary search? (n is th

- (A) order of  $n \log n$
- (B) order of  $\log n$
- (C) order of  $n$
- (D) order of  $n^2$

#### Question 4

Binary Search can be categorized into which of the following

- (A) Brute Force technique
- (B) Divide and conquer
- (C) Greedy algorithm



- Gmail YouTube Maps Chrome Web Store...
- (A) Brute Force technique
  - (B) Divide and conquer
  - (C) Greedy algorithm
  - (D) Dynamic programming

### Question 5

What is the advantage of recursive approach than an iter

- (A) Consumes less memory
- (B) Less code and easy to implement
- (C) Consumes more memory
- (D) More code has to be written

Type here to search