Section 2 - Hash tables and Binary Search Trees

Now that you are done with the videos of section 2, let's assess your learning. Here, are a few questions, followed by a few options, out of which 1 is the correct option. Select the right option and validate your learning! The answers are provided in a separate sheet

Q1 Hash table stores data for the same hash in the LinkedList.

a. yes
b. no

Q2.In Java it is possible that two different object will have the same hash code.

a. yes
b. no

Q3.Binary Search Tree Insert has complexity…

a. O(N)
b. O(N^2)
c. O(lgN)
d. O(1)

Q4.Binary Search Tree lookup has complexity…

a. O(N)
b. O(lgN)
c. O(N^2)
d. O(1)

Q5. Traversing whole Binary Search Tree has complexity…

a. O(lgN)
b. O(N)
c. O(N^2)
d. O(1)