

Complete the assignment and submit the scanned copy to my email id latest by 25<sup>th</sup> April 2020.

1. What is inplace and stable property. Which Algorithm is inplace or stable
2. Difference between greedy and dynamic technique
3. What is the significance of having input data uniformly distributed for applying bucket sort? What happens if this does not hold?
4. insert key 65 in the following red-black tree

