

Lab 05: Submit the final pdf report and (optional) source code before the due date.

Q1. Describe the property differences between B-trees and AVL trees.

Q2. Show all legal B-trees of minimum degree 2 that represent $\{1, 2, 3, 4, 5\}$

Q3. Show the results of inserting the keys $Key = \{F, S, Q, K, C, L, H, T, V, W, M, R, N, P, A, B, X, Y, D, Z, E\}$ in order into an empty B-tree with minimum degree 2. Draw only the configurations of the tree just before some node must split, and also draw the final configuration. **(Optional)**
Coding to create a B-tree with the keys.