



COMSATS University, Islamabad

Islamabad Campus

Department of Computer Science

Data Structure and Algorithm

ASSIGNMENT-3 (CLO-2)

CLO-2

Apply the following algorithms on real world scenario and elaborate their working:

TASK-1: *Binary Search Tree*

TASK-2: *AVL Tree*

TASK-3: *Heap Tree*

TASK-4: *Breadth-first search (BFS) Algorithm.*

TASK-5: *Depth-first search (DFS) Algorithm.*

TASK-6: *Dijkstra Algorithm.*

TASK-7: *Prims Algorithm.*

TASK-8: *Kruskal Algorithm.*