



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

Faculty of Science and Information Technology

Department of Computer Science

FINAL-TERM Assignment, Fall 2019-20

Submission Deadline: 8th December'19 (In respective Section-Class/No late submission Accepted)

General Instruction: *Read Very Carefully first*

1. Answer the questions in **hand-written** format. Attach this cover page.
2. Do not Copy. Write the assignment by your own. Otherwise penalty is total Zero(0) in assignment.
3. Write Name, ID, Course, Section, **Serial Number **** on Cover page properly.

Name:	ID:
Course:	Section:
Faculty Name:	Serial No:
Signature:	

For Faculty Use Only

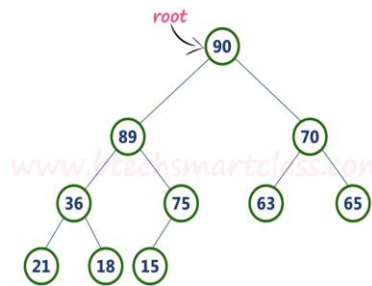
Assignment

Total Marks: 30

Marks Obtained:

Comments:

1. Define: Single and Double Link List, Tree, Binary Tree, Binary Search Tree, Heap -10
2. Consider below as Heap Tree. Insert 89, 88 then delete Root node. Show simulation in detail. -10



3. Construct a binary Search Tree from given data and then delete the Root node. (Show details simulation of deletion)
[40, 33, 55, 21, 12, 38, 48, 59, 37] -10