Mid-TERM Assignment, Fall 2019-20
Course: Data Structure; Section: D, E
Submission Deadline: 4th November In respective Class(No late submission Accepted)

General Instruction:
1. Complete the Assignment in Hand Written format. (No printed or softcopy assignment is allowed)
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 Front page properly.
4. ***Front page format* is attached on next page. Use this printed template**

1. Sort the bellow numbers in ascending order using Bubble sort. Write down algorithm and describe simulation:

8	5	2	1	3	4

2. Write the simulation to validate below Infix statement :
(A+(B*C)+(C+A))/(E*(D*F)

3. Write down Pseudo-code of
   i. Insertion sort
   ii. Enqueue, Dequeue
   iii. Linear Search

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH
Faculty of Science and Information Technology
Department of Computer Science
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Name:	**ID:**
Course:	**Section:**
Faculty Name:	**Serial No:**
Signature:	

For Faculty Use Only	
Assignment	
Total Marks:	**Marks Obtained:**
Viva	
Total Marks:	**Marks Obtained:**
Comments:	