

# CSE 202 Final Part (a)

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## I. QUESTION (LINKED LIST) (15 POINTS)

Write the method

```
void printReverse()
```

which prints the contents of the linked list in reverse order. You are not allowed to use any array variable.

## II. QUESTION (TREE) (15 POINTS)

Write a recursive function that checks whether the binary search tree contains two same numbers or not.

```
boolean containsTwoSameNumbers()
```

## III. QUESTION (GRAPH) (15 POINTS)

Write a function that finds the average weight in a weighted graph. Write the function for adjacency list representation.

```
double averageWeight()
```

## IV. QUESTION (SORTING) (15 POINTS)

Suppose you are given two sorted arrays A and B. Write a function that returns the number of elements which are in A but not in B.

```
int inANotB(int[] A, int[] B)
```