

CS-206 - HW3

1 Linked list: Fine-grained locking

Explain why the fine-grained locking algorithm is not subject to deadlock.

2 Binary search tree

Implement a fine-grained locking implementation of a binary search tree supporting insert and delete.

```
public class Node{
    public int value;
    public Node left;
    public Node right;
}

public class Tree{
    public Node root;

    public insert(int x);
    public delete(int x);
}
```

3 Submission

Deadline: 05.05.2015

Please make a PDF file of your answer and upload it in the moodle using related box. Do not forget to write your Name and Sciper number.

Please write clearly and concisely.