

# CSE2010

## 자료구조론

### Week 7: BST

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한양대학교 ERICA  
소프트웨어융합대학  
ICT 융합학부

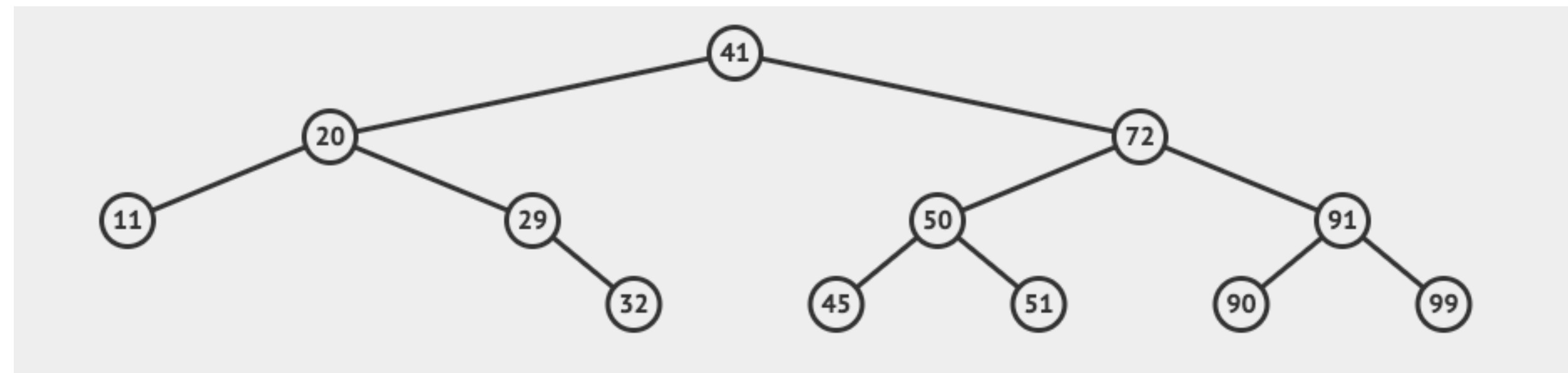


# 오늘의 실습

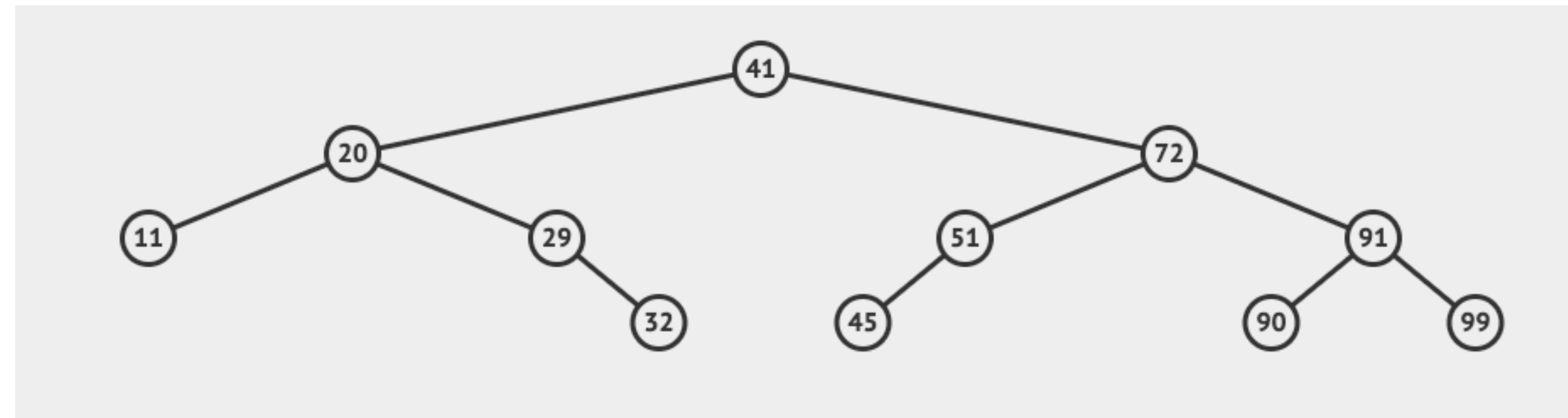
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- void insert\_node(TreeNode \*\*root, int key)
- void delete\_node(TreeNode \*\*root, int key)
- void preorder(TreeNode \*root)

# INSERT



# DELETE 50



<https://visualgo.net/en/bst>

# Skeleton

```
#include<stdio.h>
#include<stdlib.h>

typedef struct TreeNode {
    int data;
    struct TreeNode *left, *right;
} TreeNode;

void insert_node(TreeNode **root, int key) {
}

void delete_node(TreeNode **root, int key) {
}

void preorder(TreeNode *root) {
}

int main() {
    // 그림과 똑같은 노드 insert
    // preorder
    // 50 32 11 삭제
    // preorder
}
```