1a.



1b.

In-order: 10 15 20 25 30 38 40 50 60 65 70 72 80

Pre-order: 50 20 10 15 40 30 25 38 60 70 65 80 72

Post-order: 15 10 25 38 30 40 20 65 72 80 70 60 50

1c. 

2a.

Class Node {

Node \* lchild;

Node \* rchild;

Node \* parent;

int value;

}

2b.

Void BST::insert(int value) {

m\_root->insert(value);

}