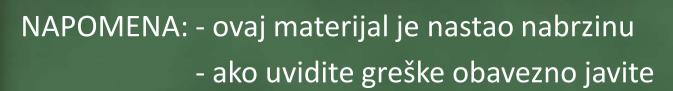
Algoritmi i strukture podataka

Obilazak stabla (preorder, inorder, postorder) 2. Zadatak PZI 2006.



- ovo je moj načni kako sam shvatio obilaženje stabla
- za lakše razumijevanje, stablo sam dopunio nulama ili krugovima
- stranica koja mi je pomogla

http://spider.usask.ca/resources/csconcepts/1998_6/bintree/2-2.html

- 2. U binarno stablo spremaju se cjelobrojni podaci (int). Zadan je niz brojeva: 2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.
- a) Ilustrirati stvaranje sortiranog binarnog stabla (lijevo manji desno veći) od zadanog niza brojeva ako se bojevi u stablu ubacuju redoslijedom kojim su gore navedeni. Nacrtati izgled stabla nakon dodavanja svakog elementa.

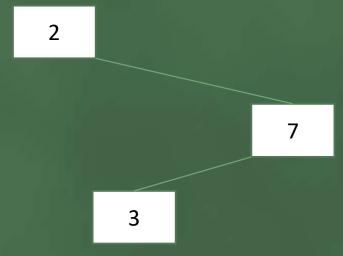
- 2. U binarno stablo spremaju se cjelobrojni podaci (int). Zadan je niz brojeva: 2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.
- a) Ilustrirati stvaranje sortiranog binarnog stabla (lijevo manji desno veći) od zadanog niza brojeva ako se bojevi u stablu ubacuju redoslijedom kojim su gore navedeni. Nacrtati izgled stabla nakon dodavanja svakog elementa.

- 2. U binarno stablo spremaju se cjelobrojni podaci (**int**). Zadan je niz brojeva: 2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.
- a) Ilustrirati stvaranje sortiranog binarnog stabla (lijevo manji desno veći) od zadanog niza brojeva ako se bojevi u stablu ubacuju redoslijedom kojim su gore navedeni. Nacrtati izgled stabla nakon dodavanja svakog elementa.

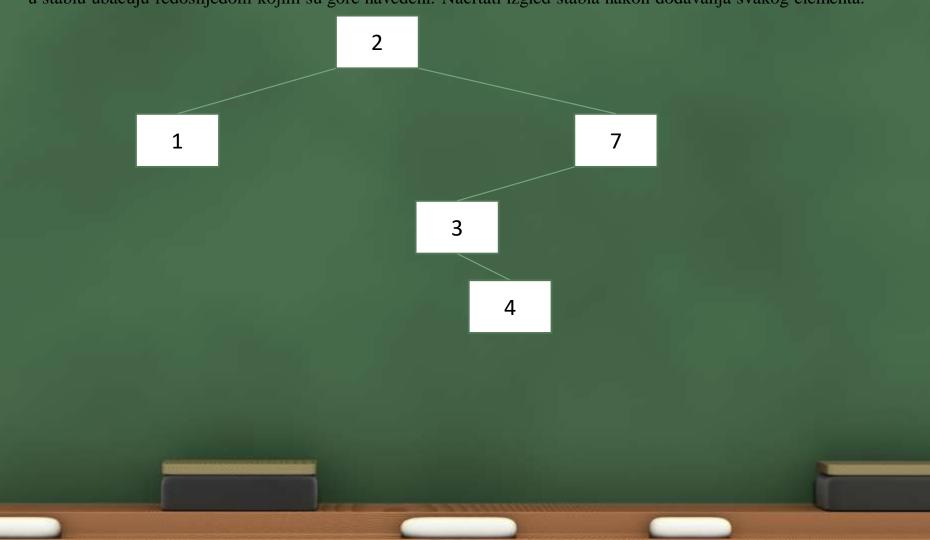
2

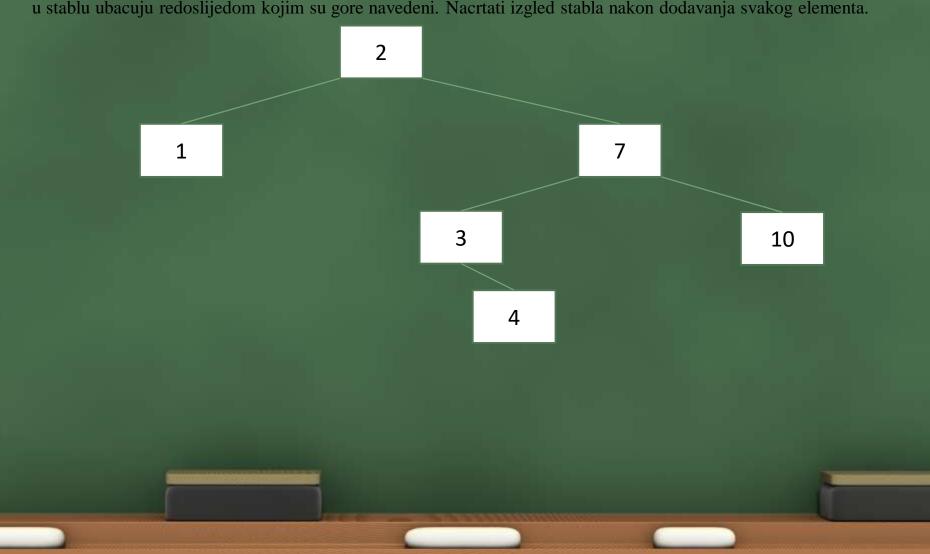
7

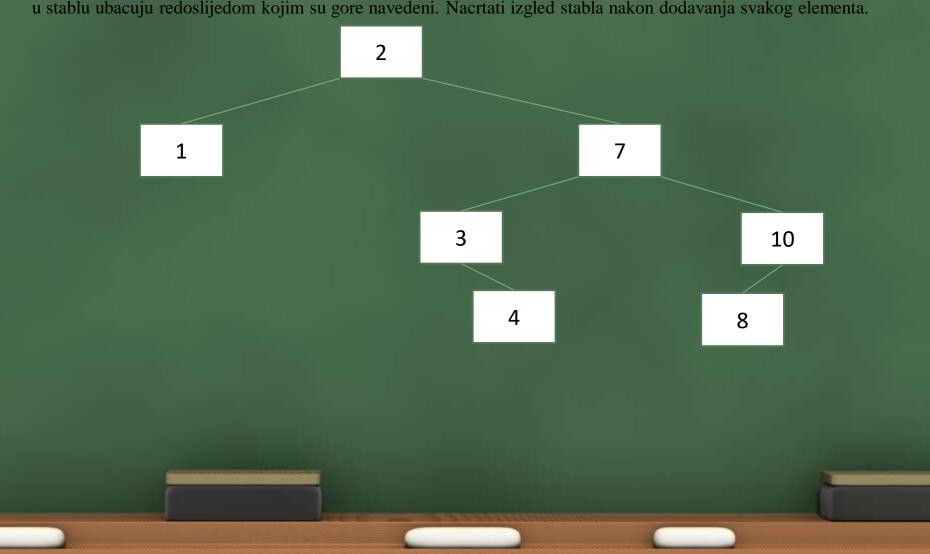
7 je veće od 2 pa ide DESNO

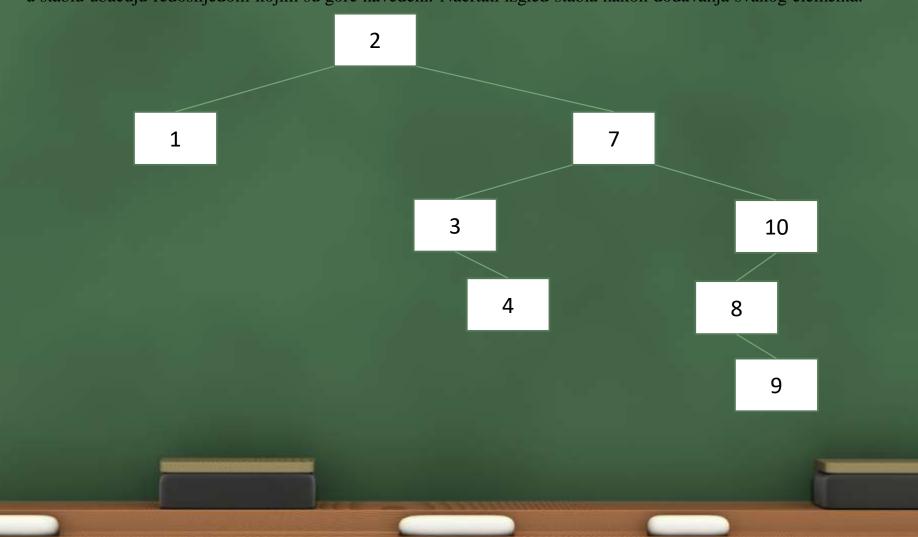


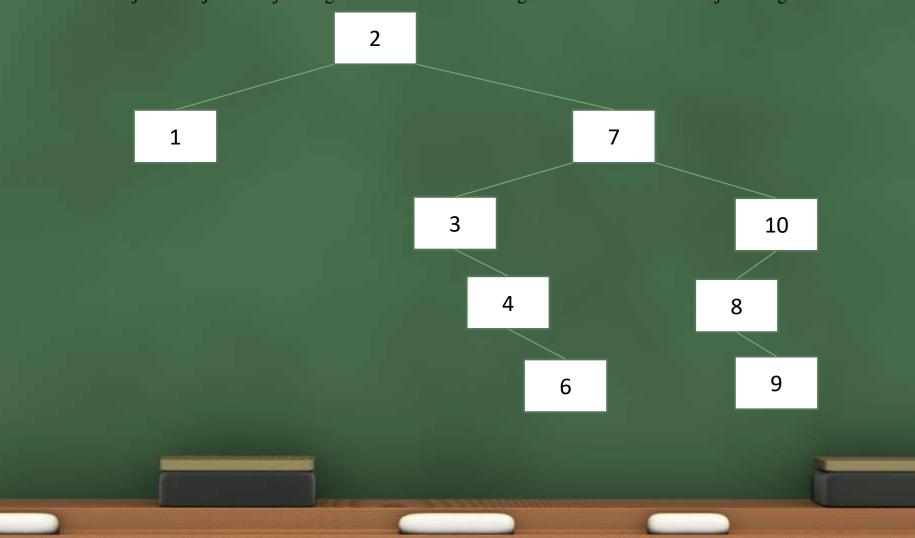


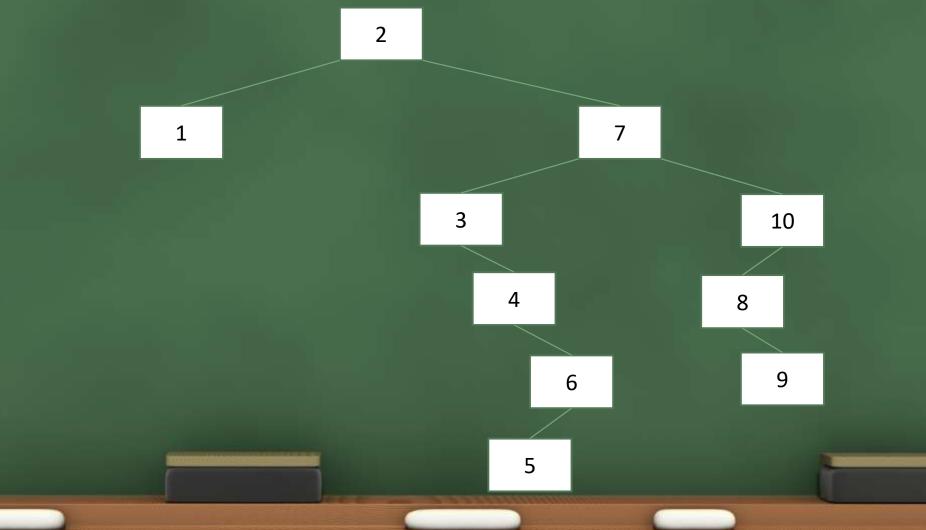








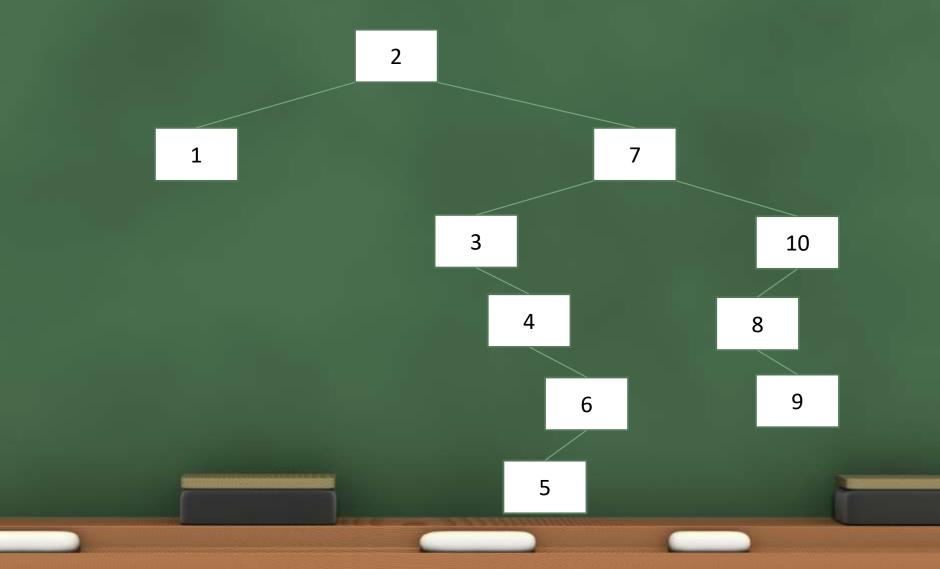




```
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.
```

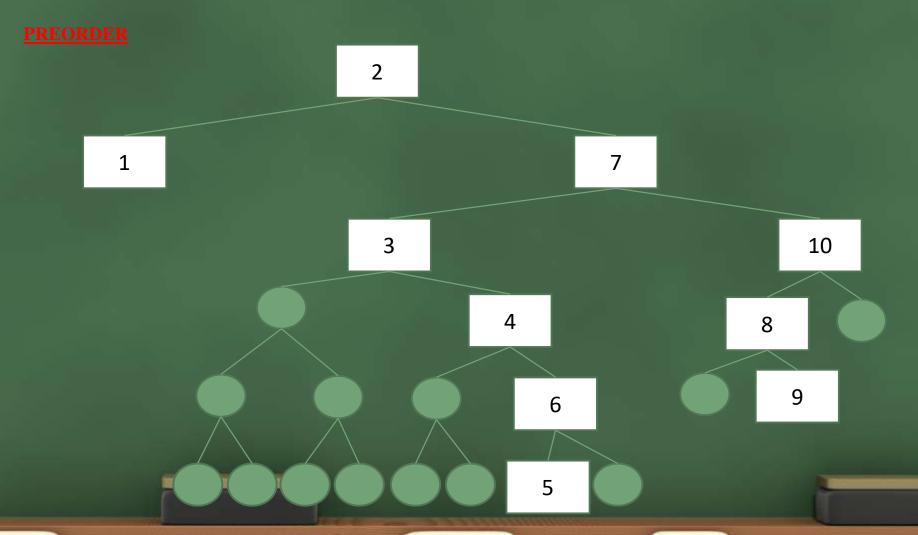
b) Napisati funkcije za preorder, inorder, i postorder ispis stabla. Obavezno navesti koja funkcija koristi koji način obilaska stabla.

```
inorder (cvor *korijen) {
if (korijen != NULL) {
             inorder (korijen->lijevo);
             printf ("%s \n", korijen->element);
             inorder (korijen->desno);
preorder (cvor *korijen) {
if (korijen != NULL) {
             printf ("%s \n", korijen->element);
             preorder (korijen->lijevo);
             preorder (korijen->desno);
postorder (cvor *korijen) {
if (korijen != NULL) {
             postorder (korijen->lijevo);
             postorder (korijen->desno);
             printf ("%s \n", korijen->element);
```

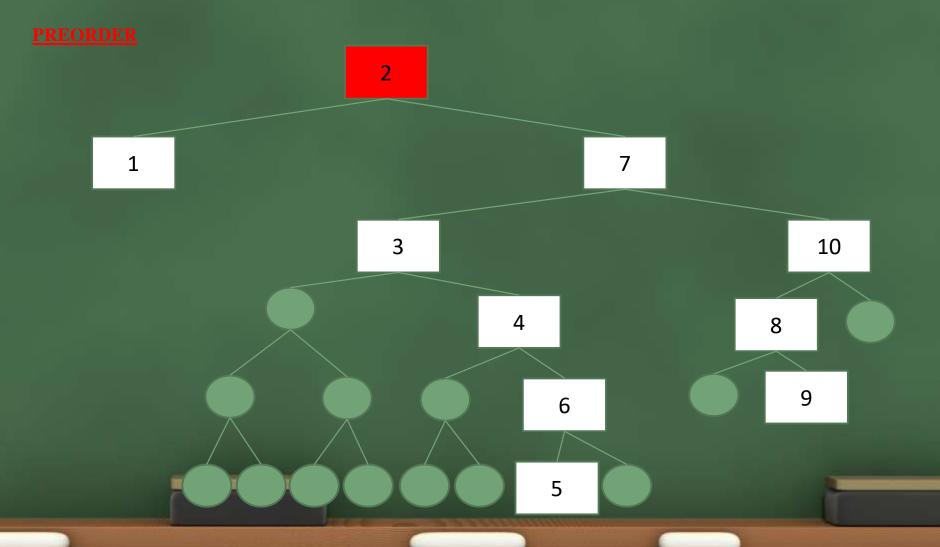


c) Napisati što bi svaka od funkcija iz **b)** ispisala za stablo iz **a).** E sad sam ja mislio OVAKO © nema smijeha ©

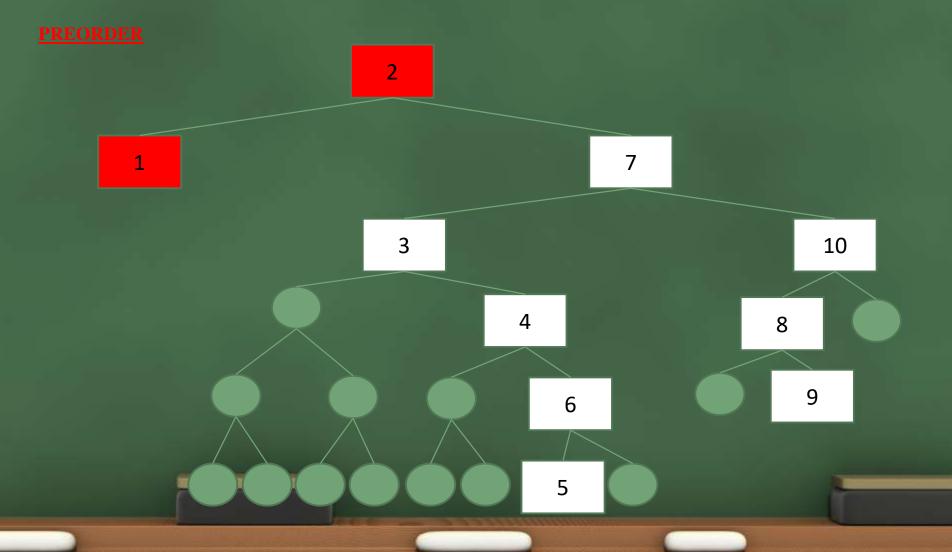
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



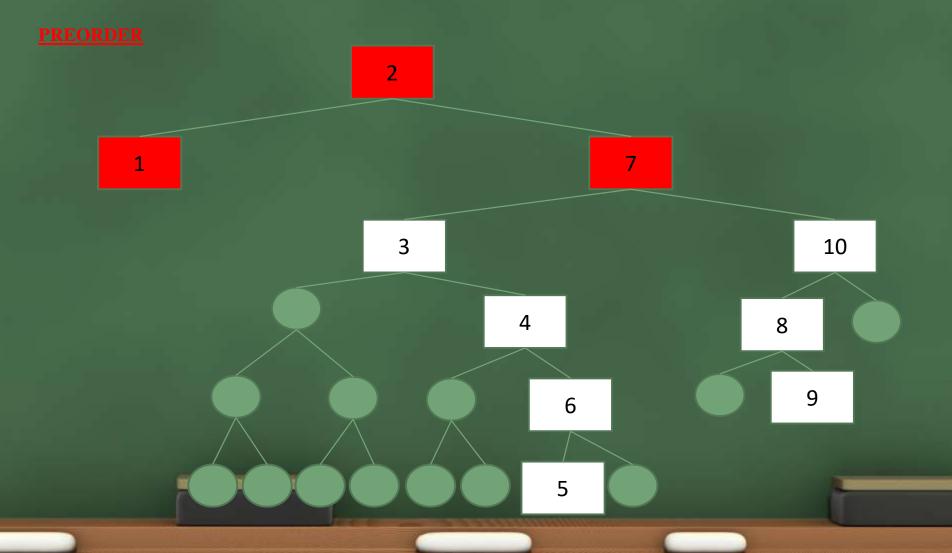
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



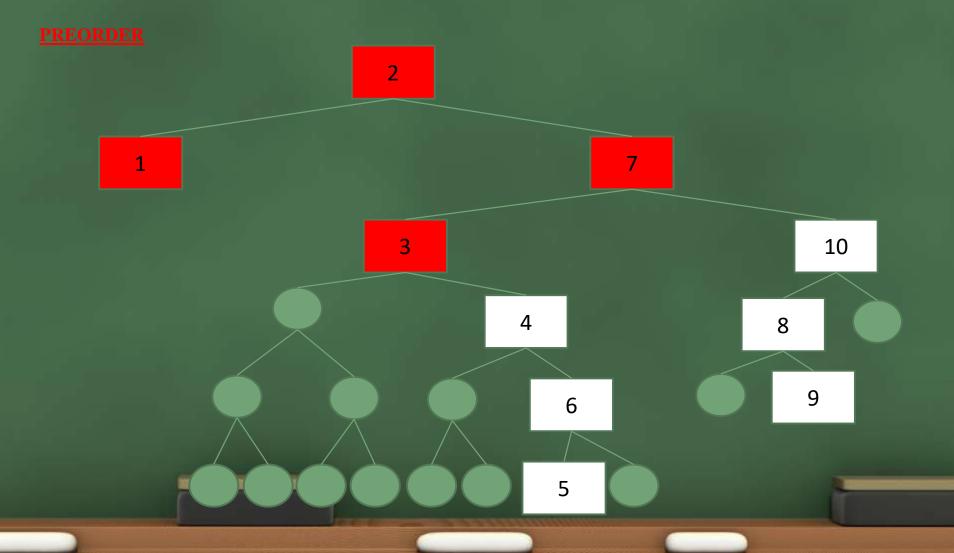
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



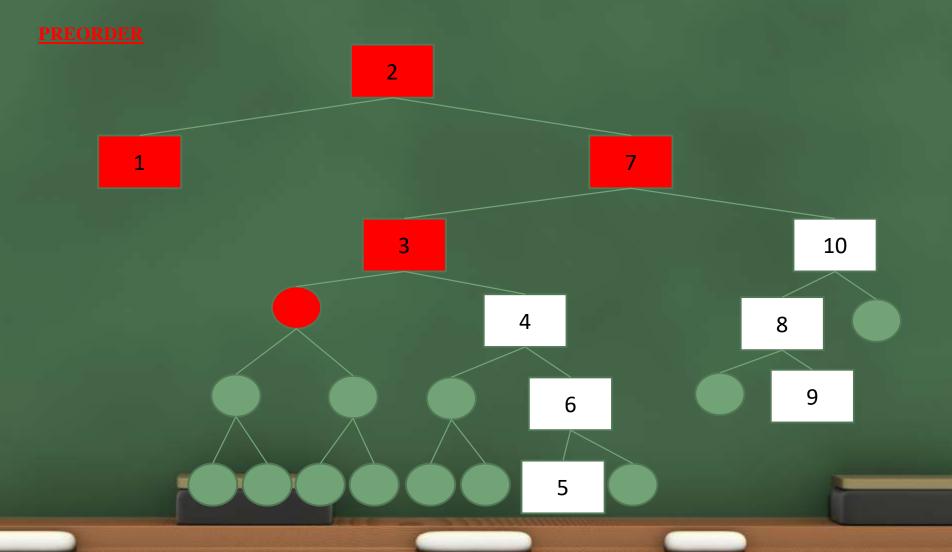
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



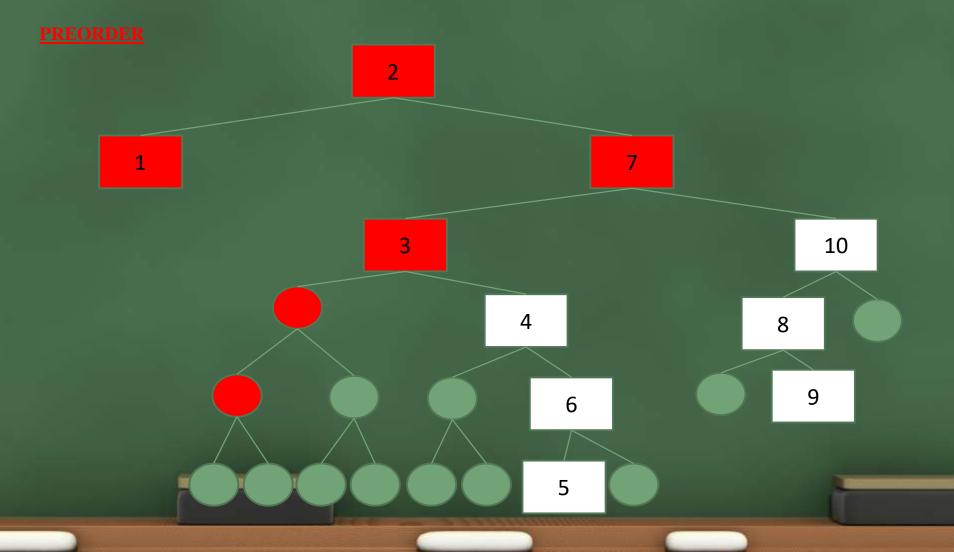
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



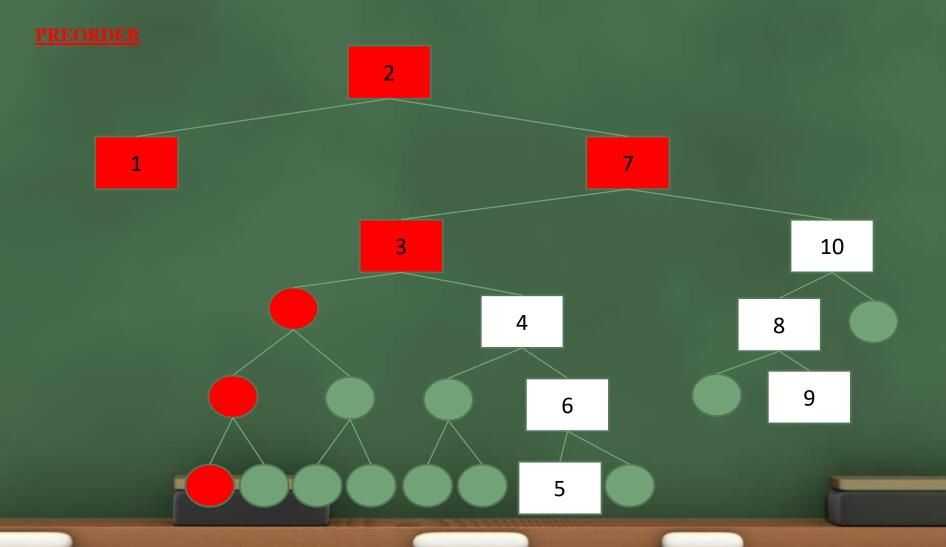
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



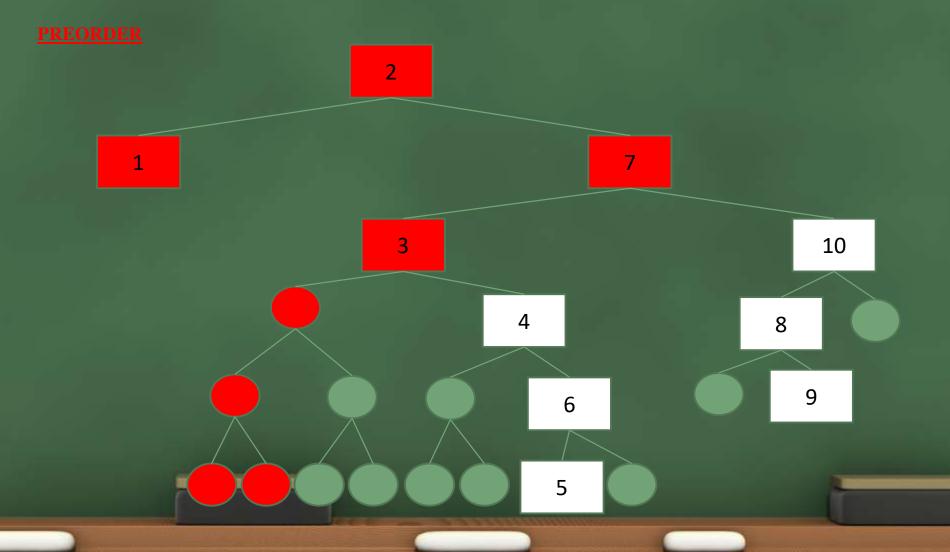
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



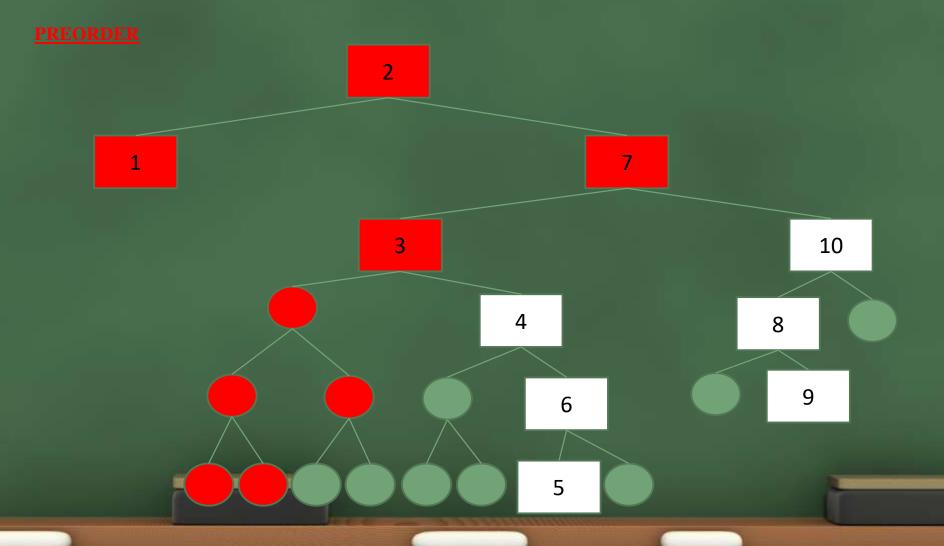
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



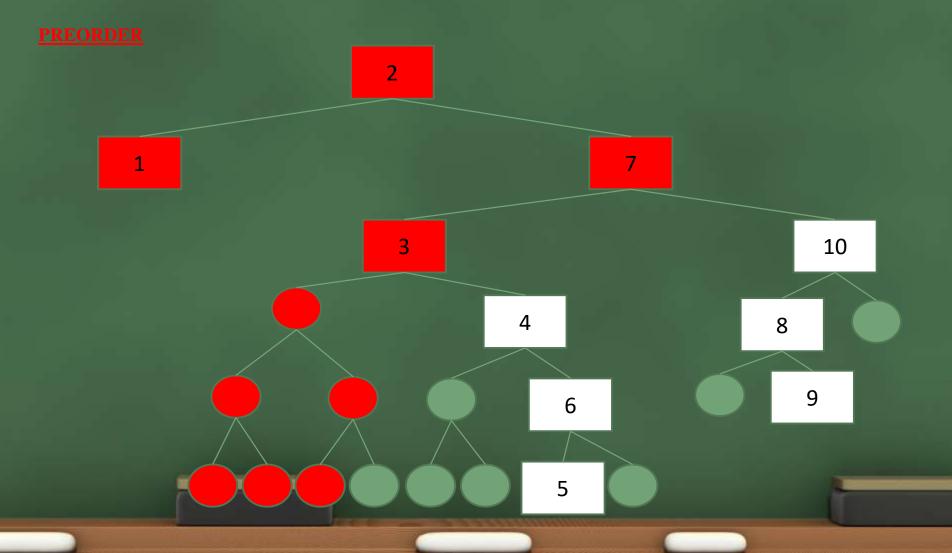
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



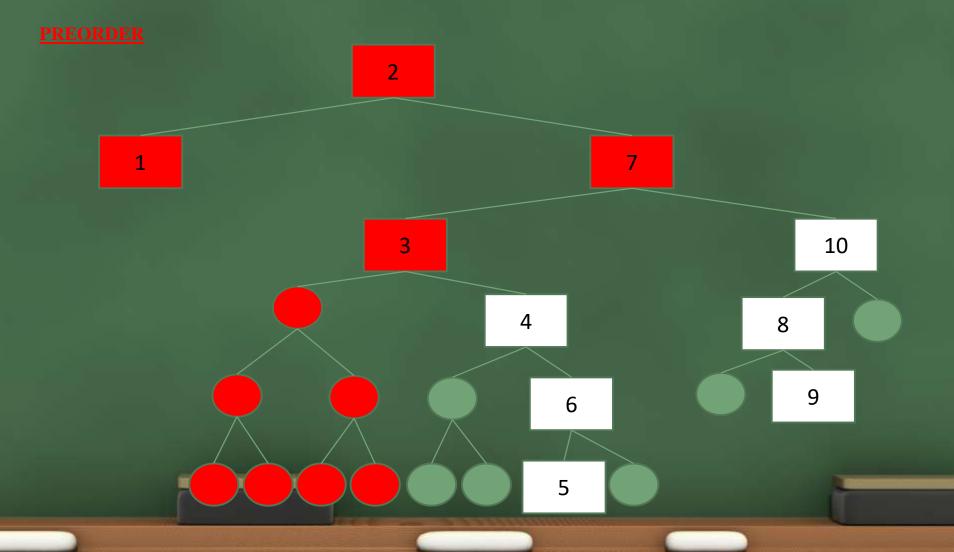
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



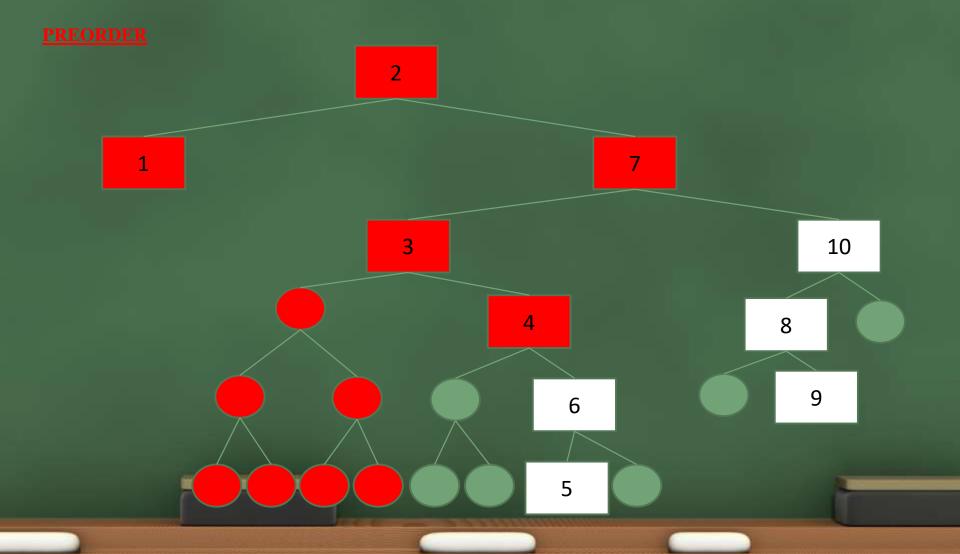
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



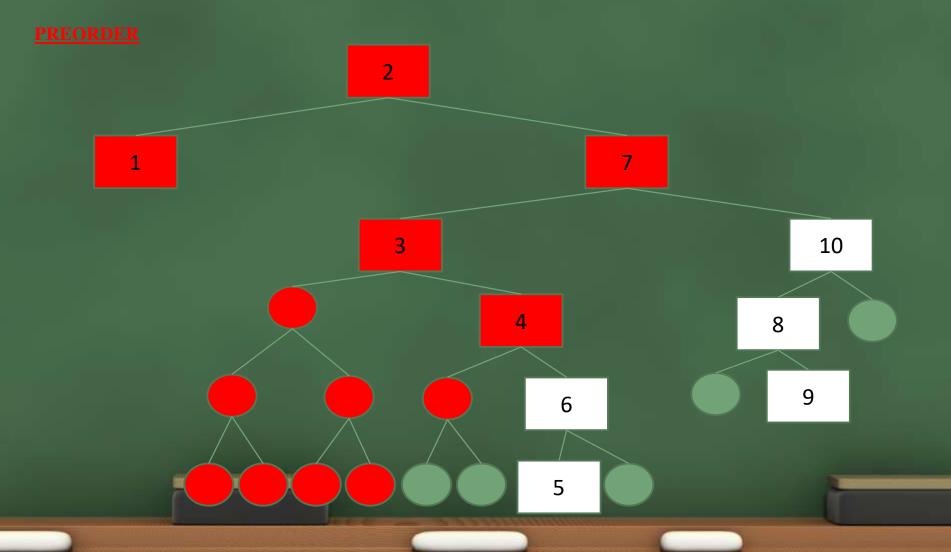
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



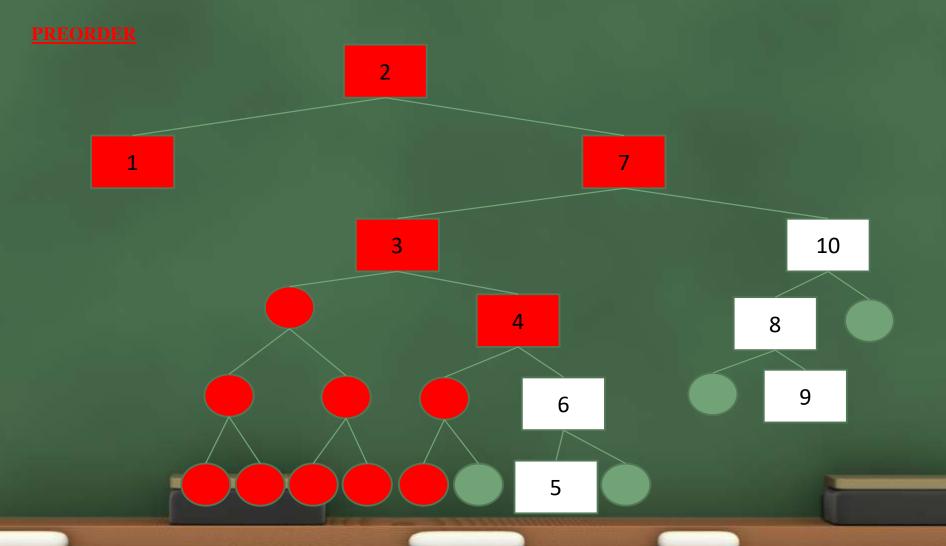
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



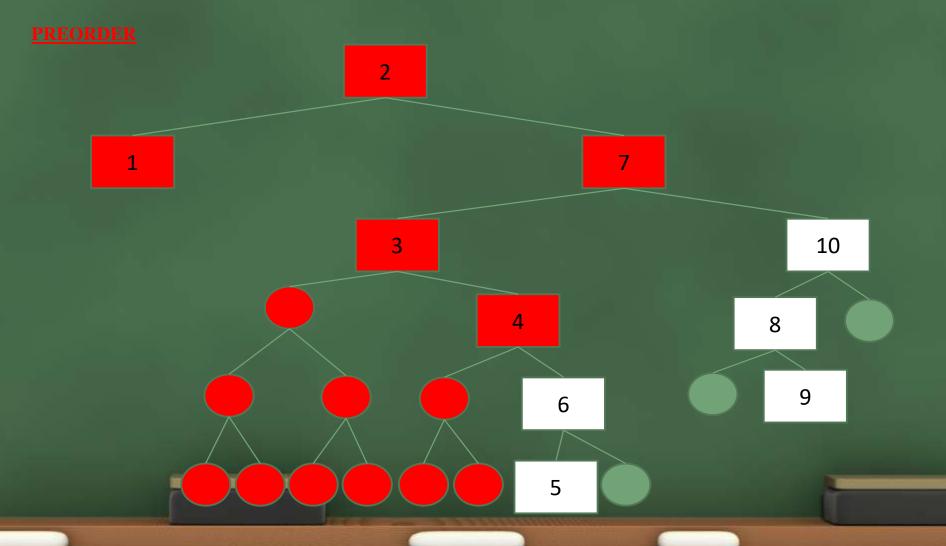
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



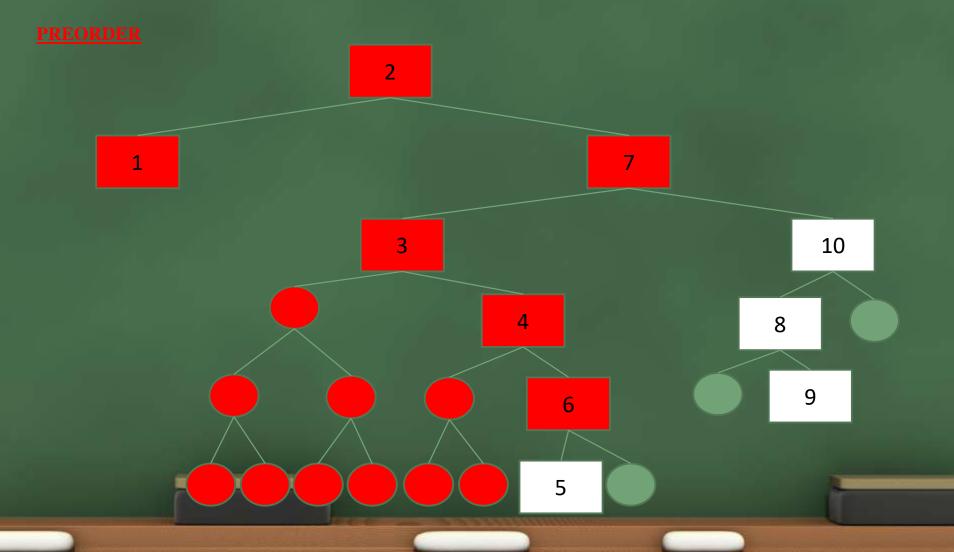
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



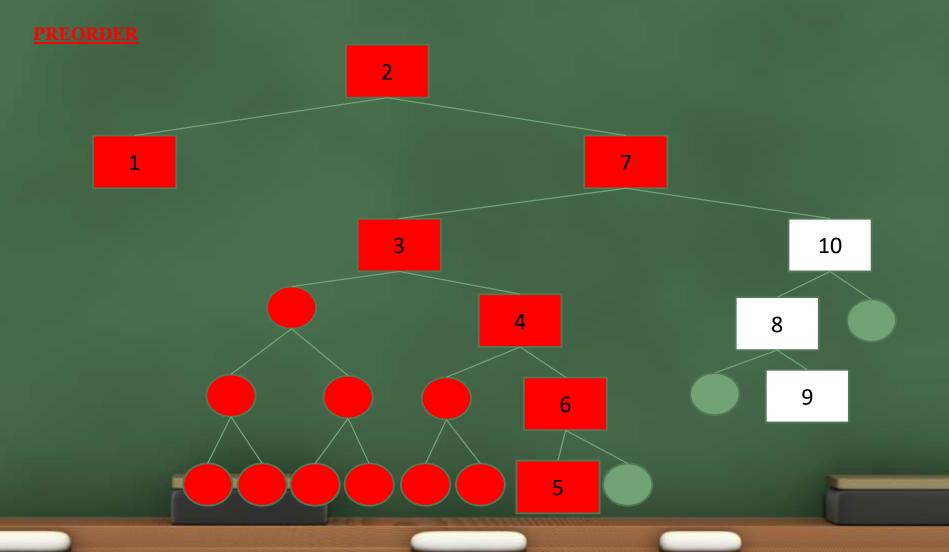
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



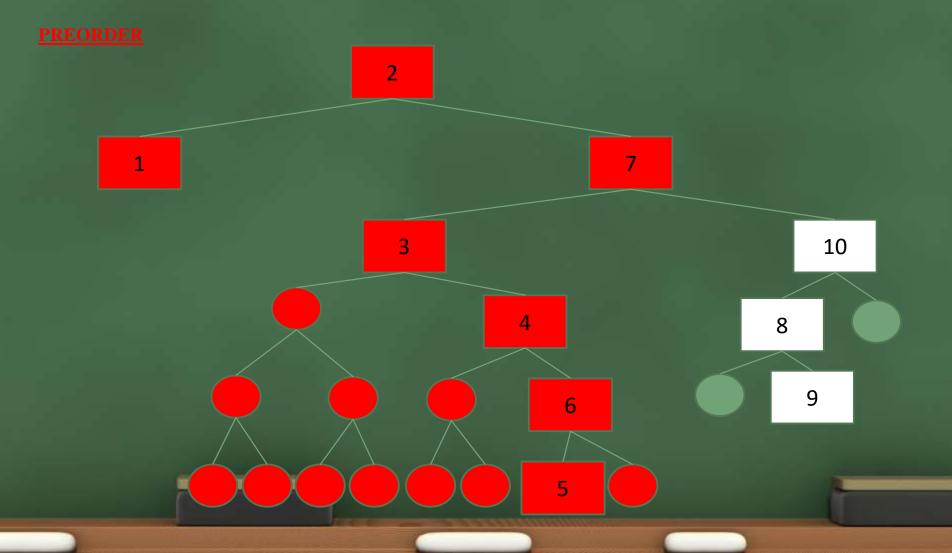
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



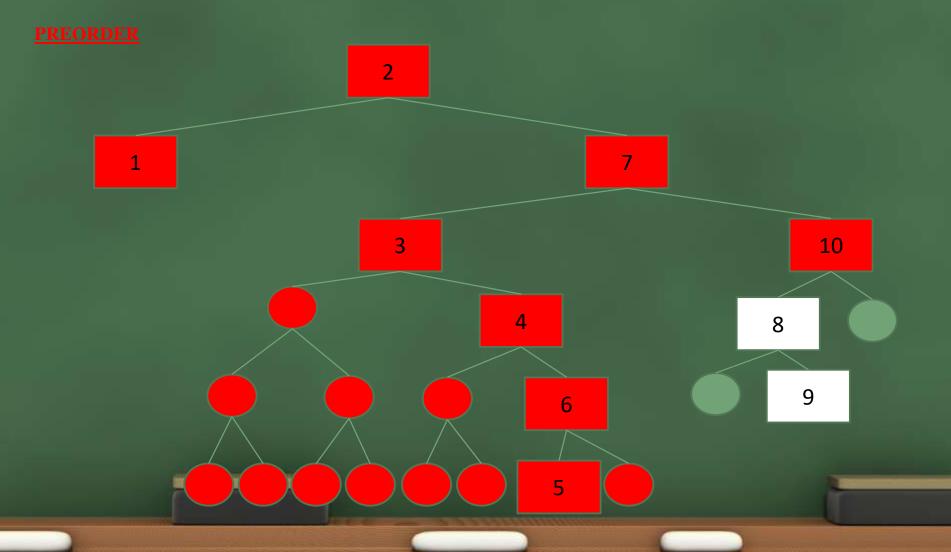
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



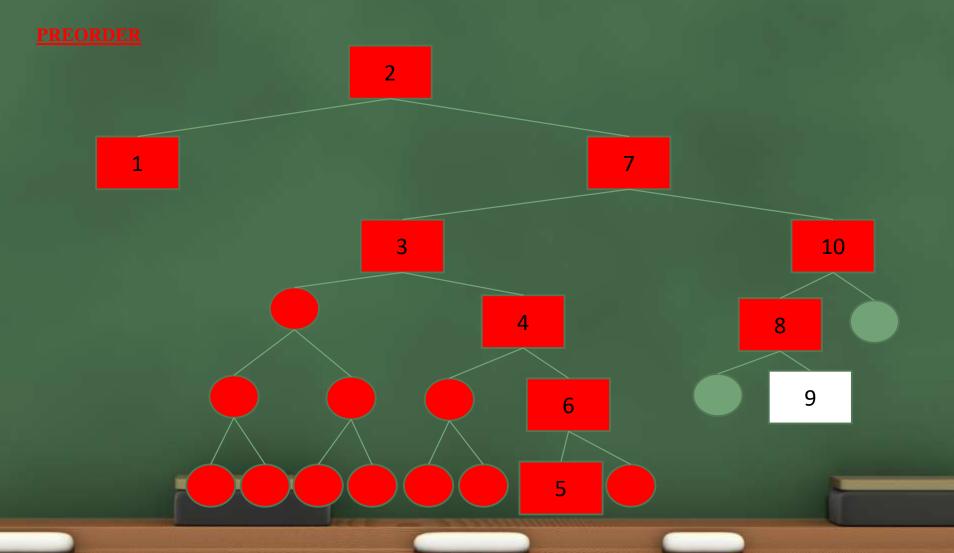
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



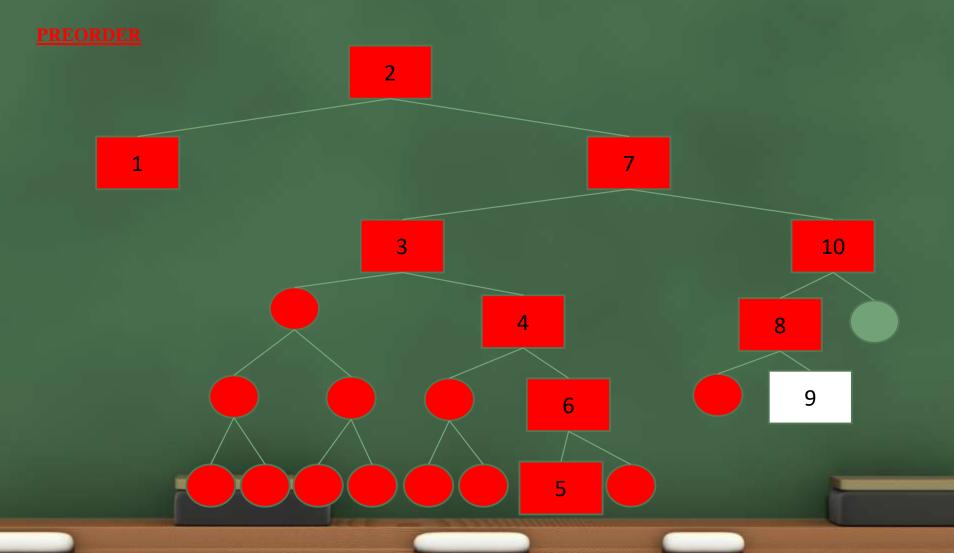
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



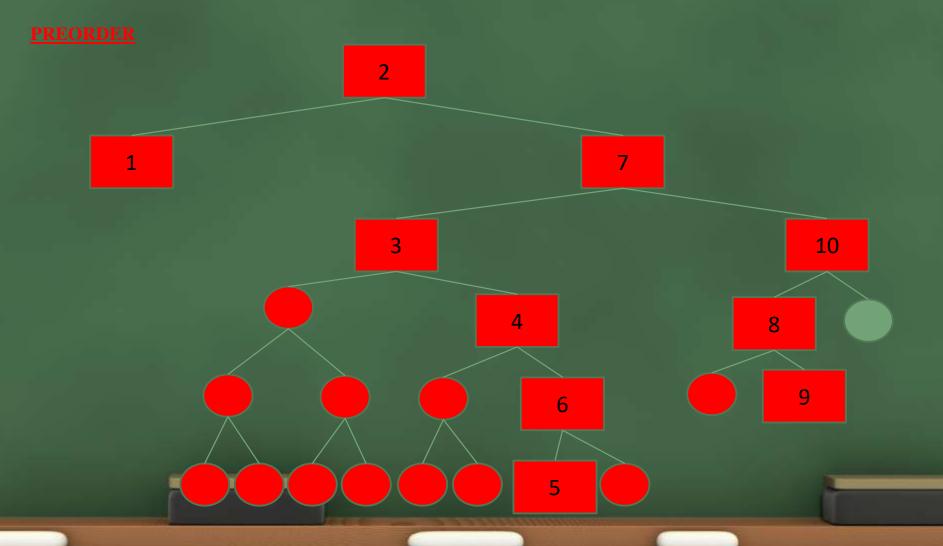
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



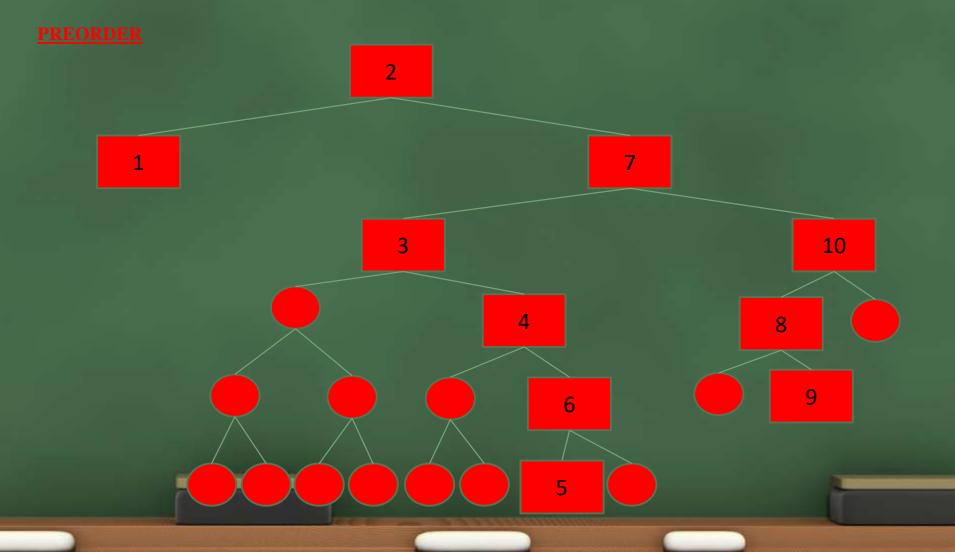
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



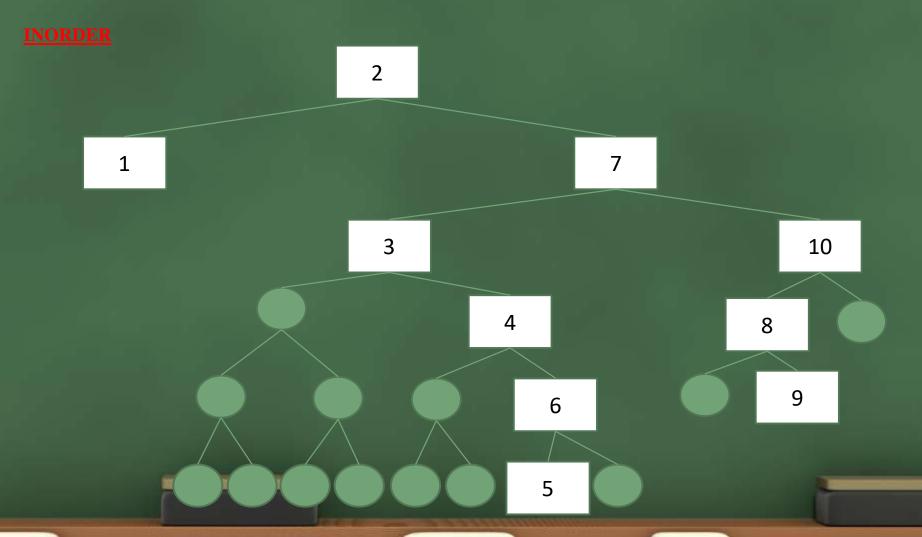
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



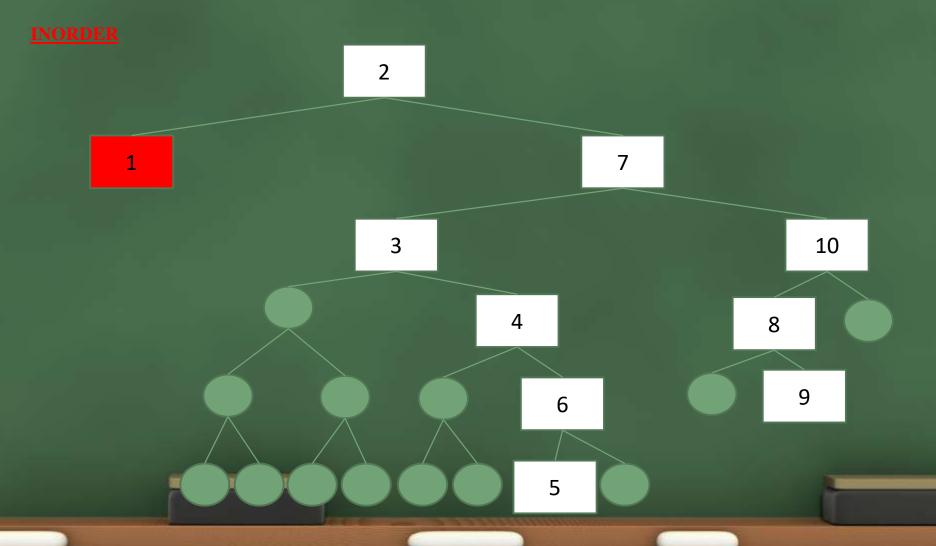
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



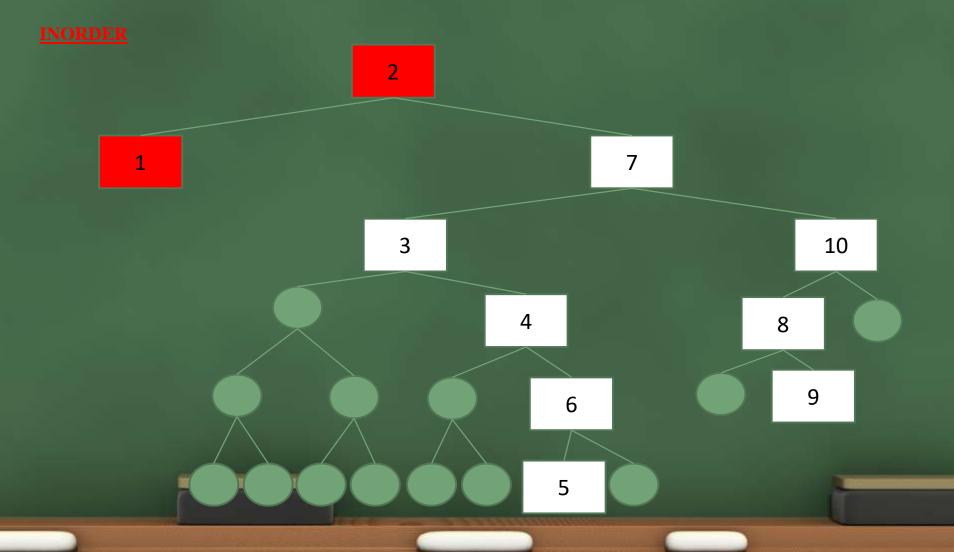
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



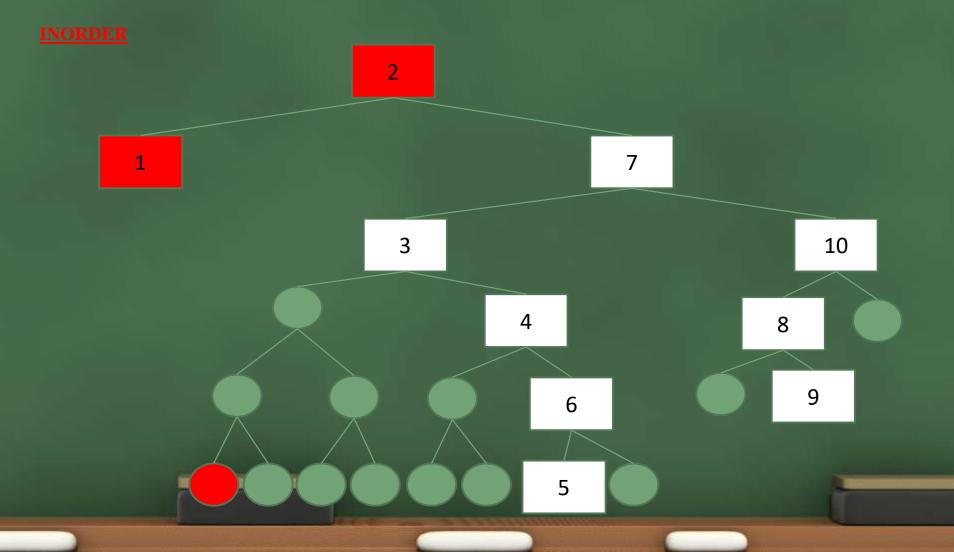
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



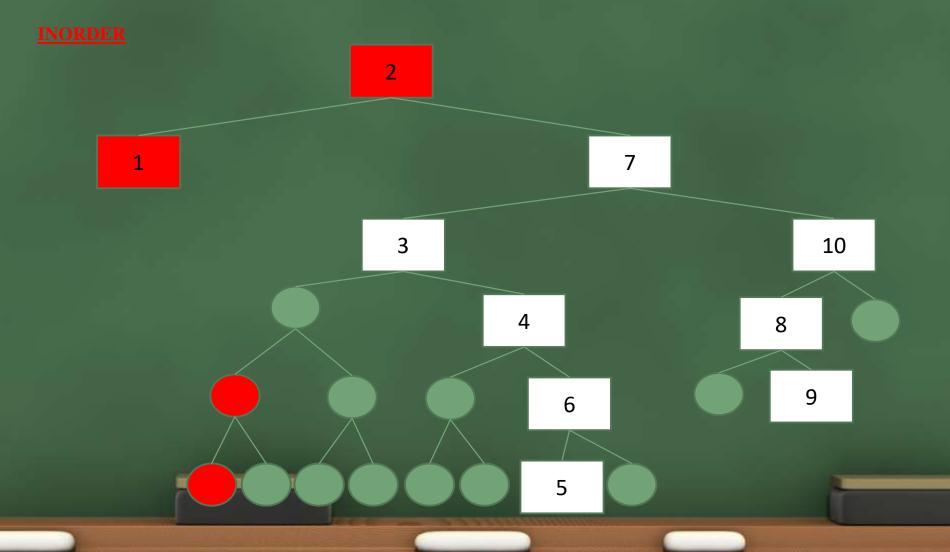
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



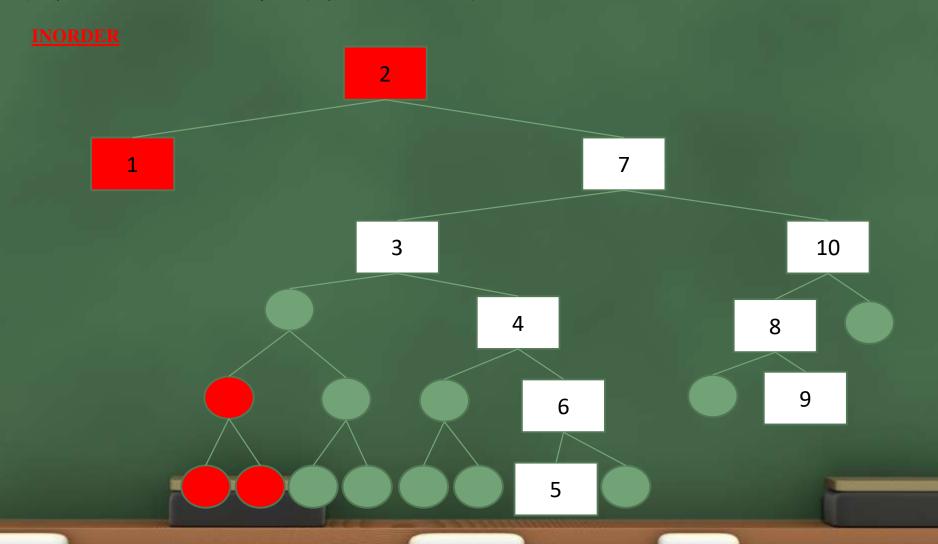
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



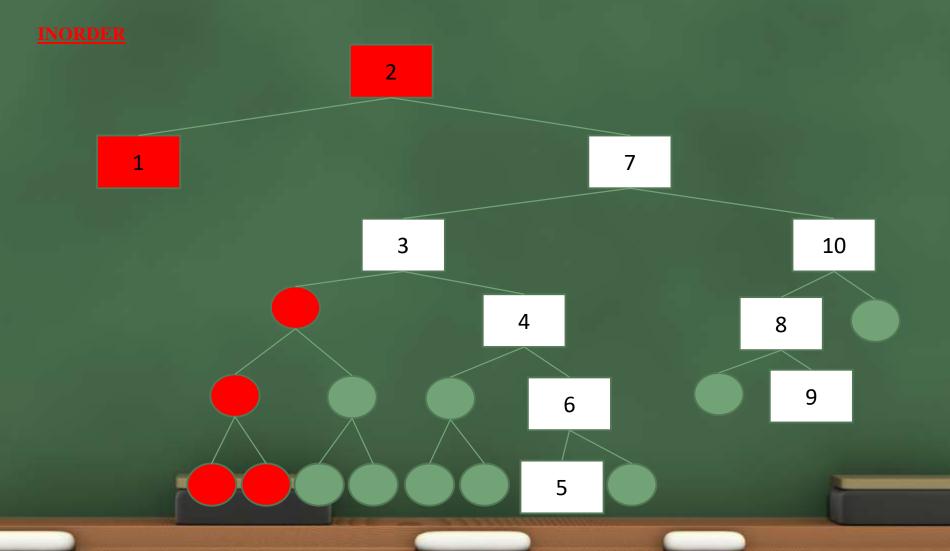
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



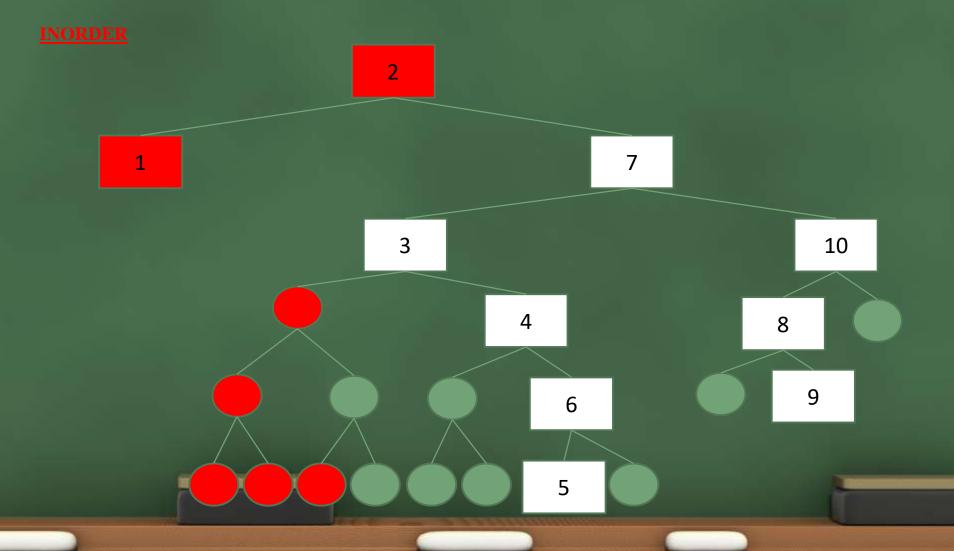
2. U binarno stablo spremaju se cjelobrojni podaci (int). Zadan je niz brojeva: 2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



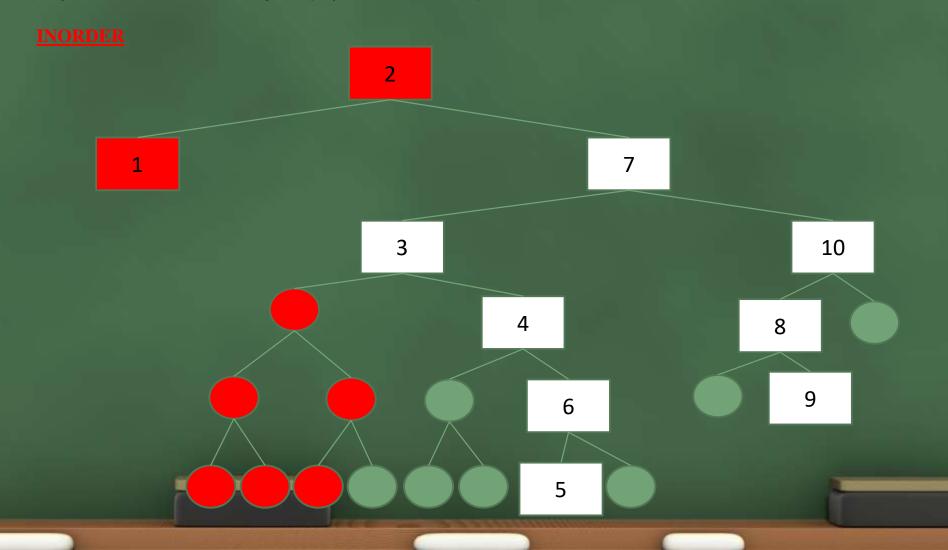
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



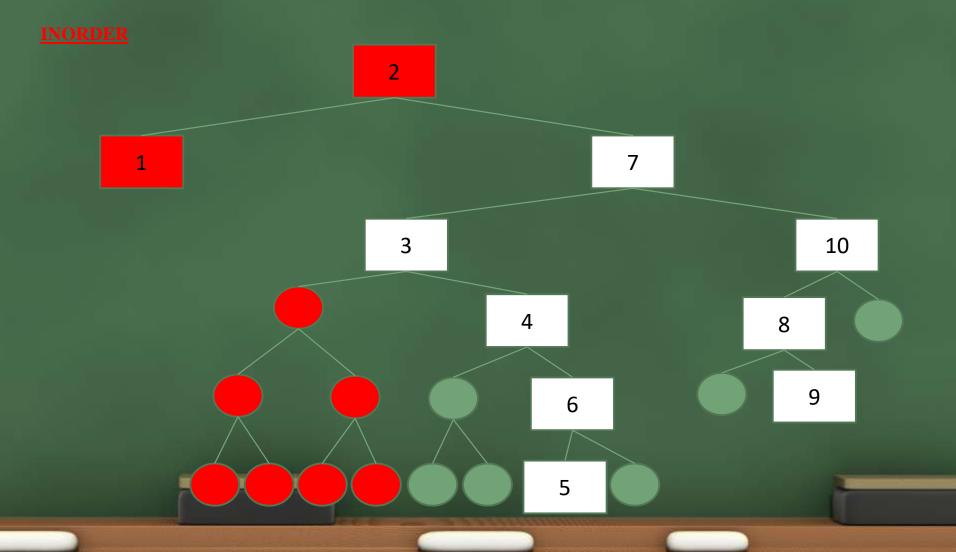
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



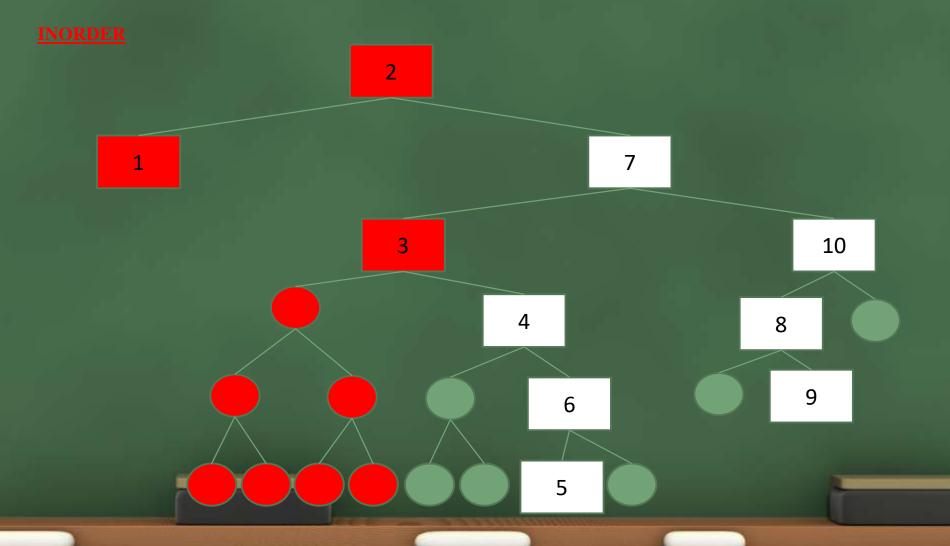
2. U binarno stablo spremaju se cjelobrojni podaci (int). Zadan je niz brojeva: 2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



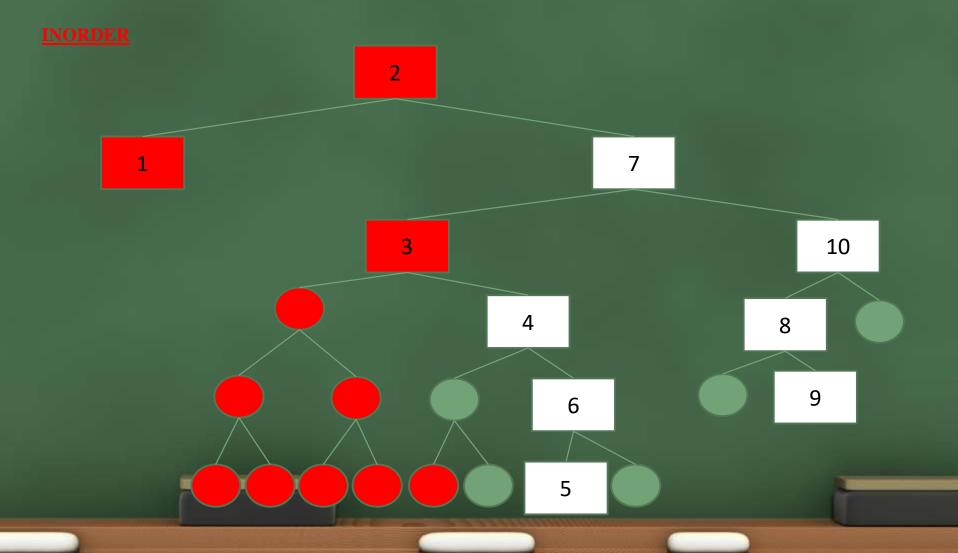
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



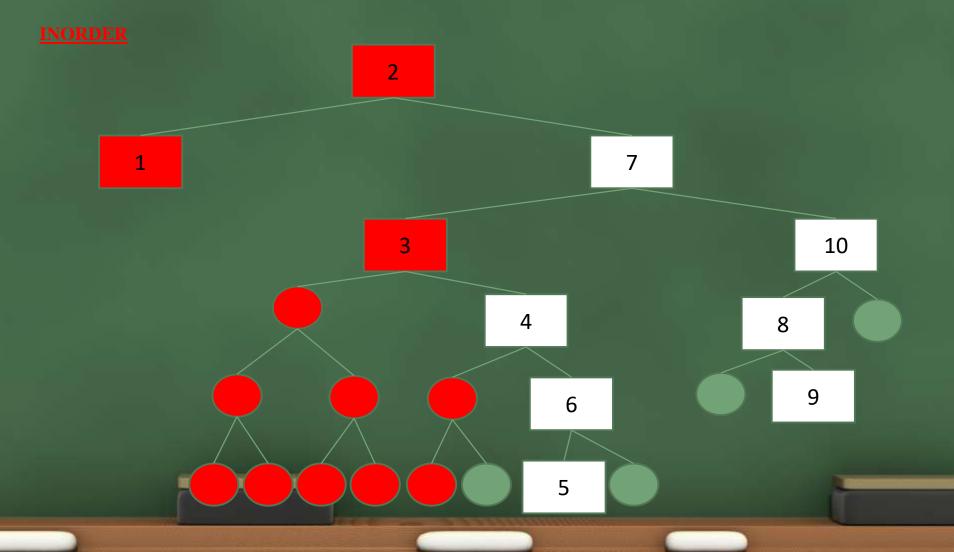
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



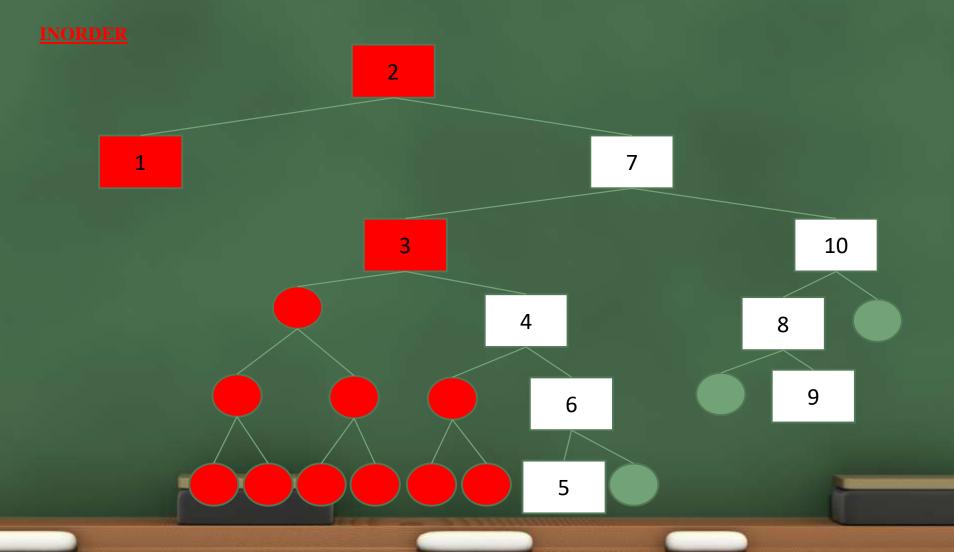
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



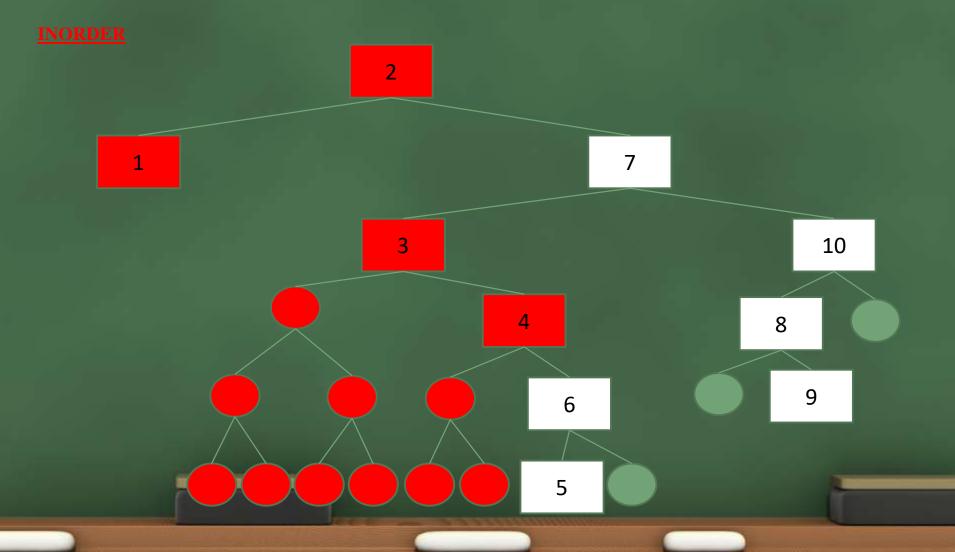
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



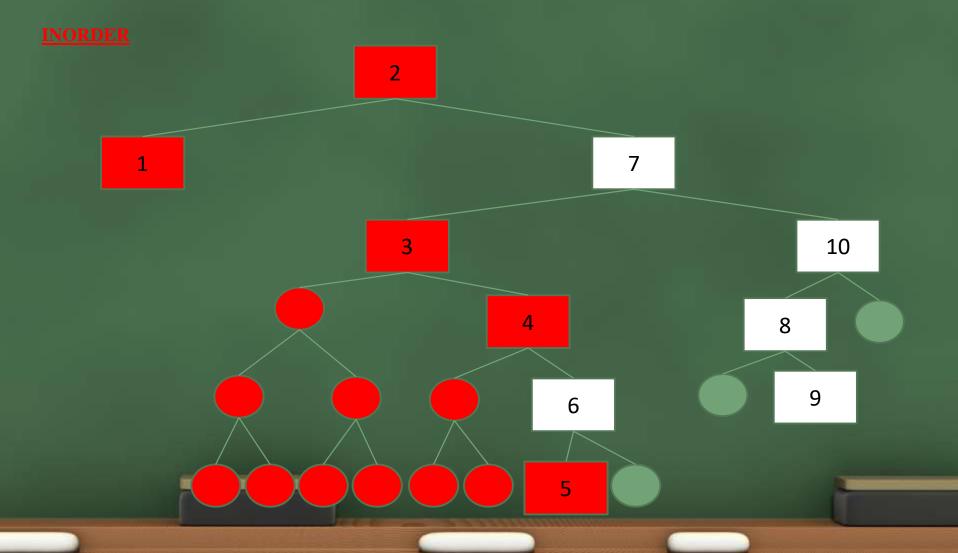
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



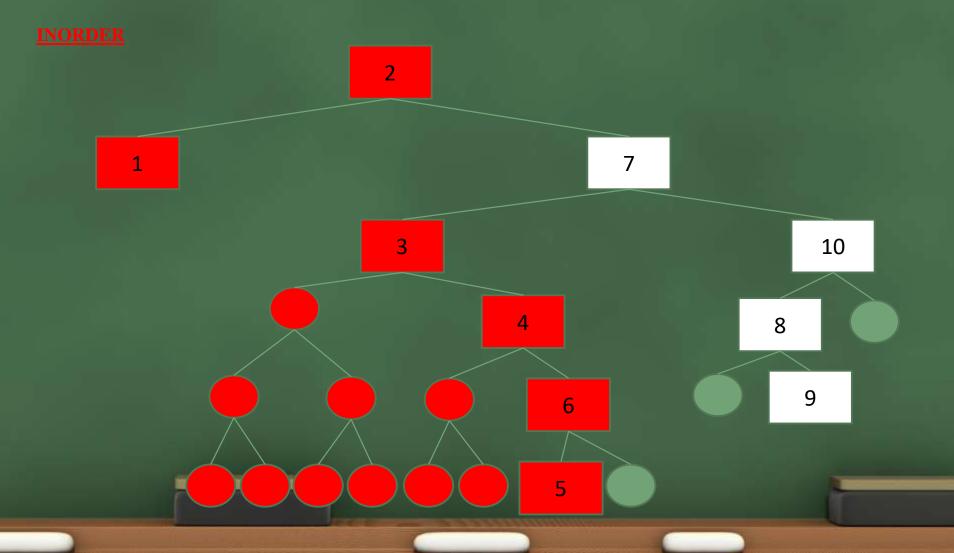
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



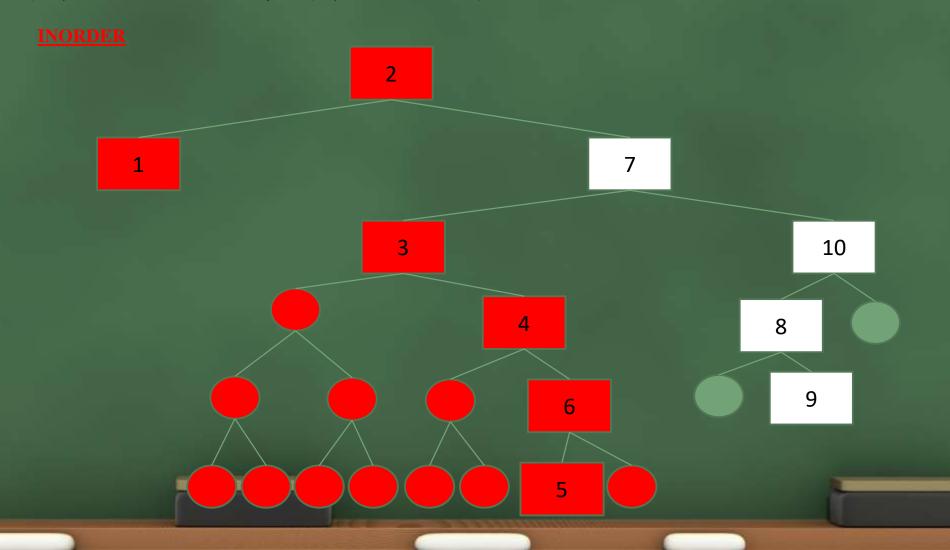
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



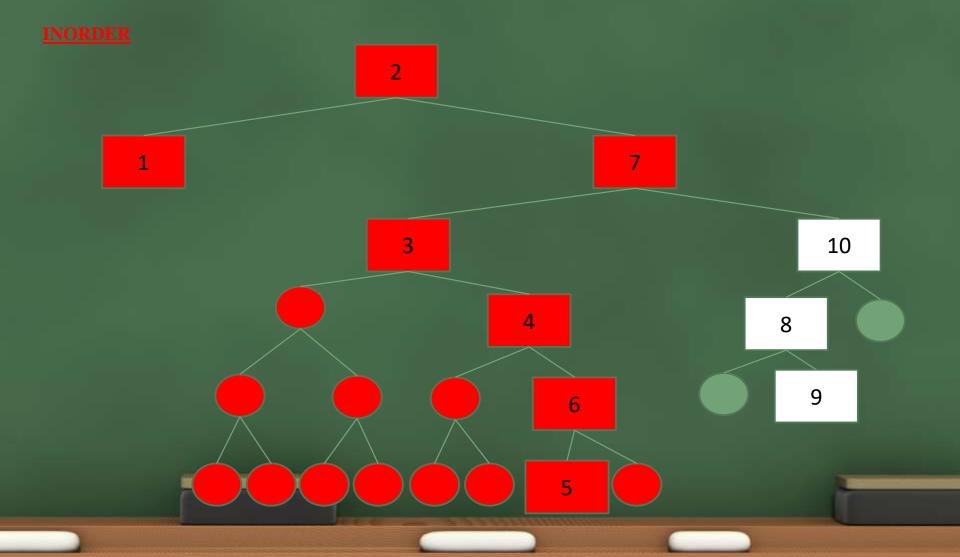
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



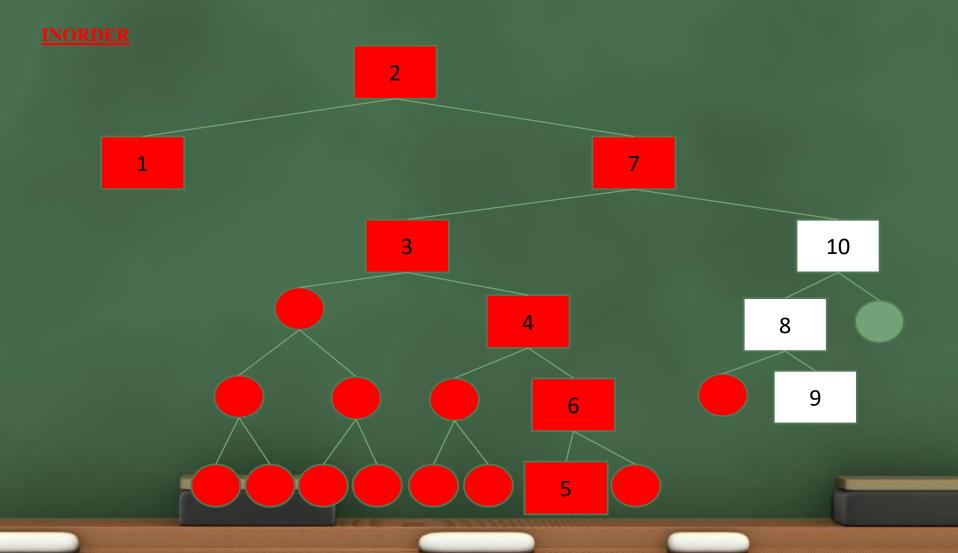
2. U binarno stablo spremaju se cjelobrojni podaci (int). Zadan je niz brojeva: 2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



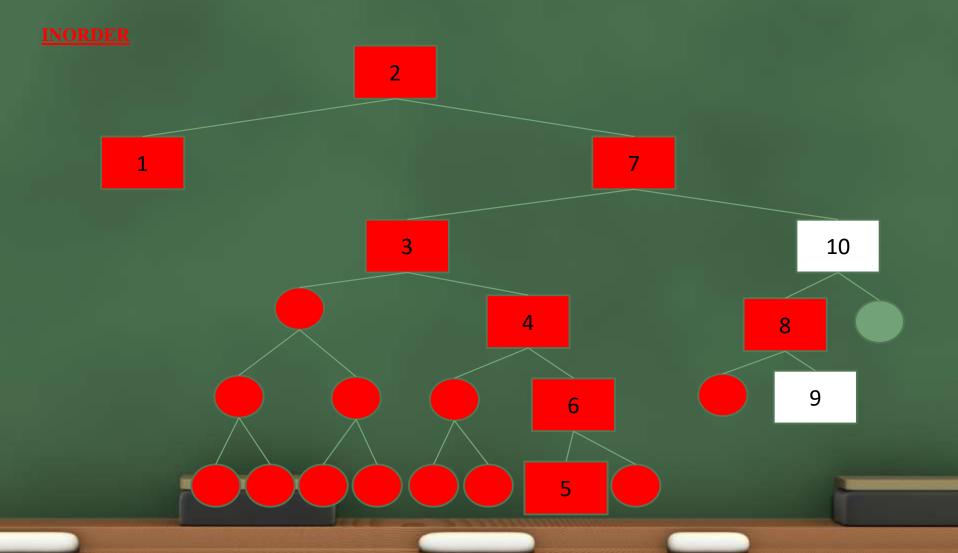
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



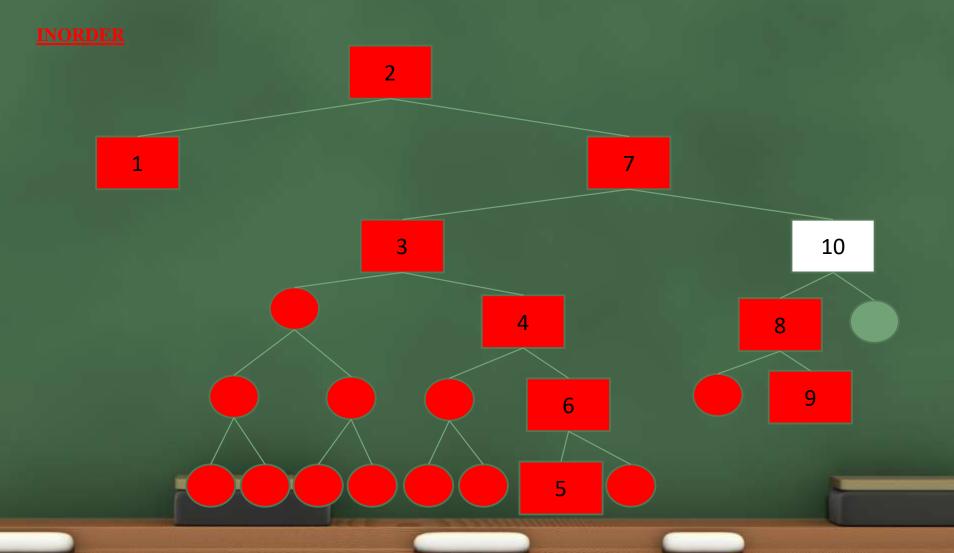
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



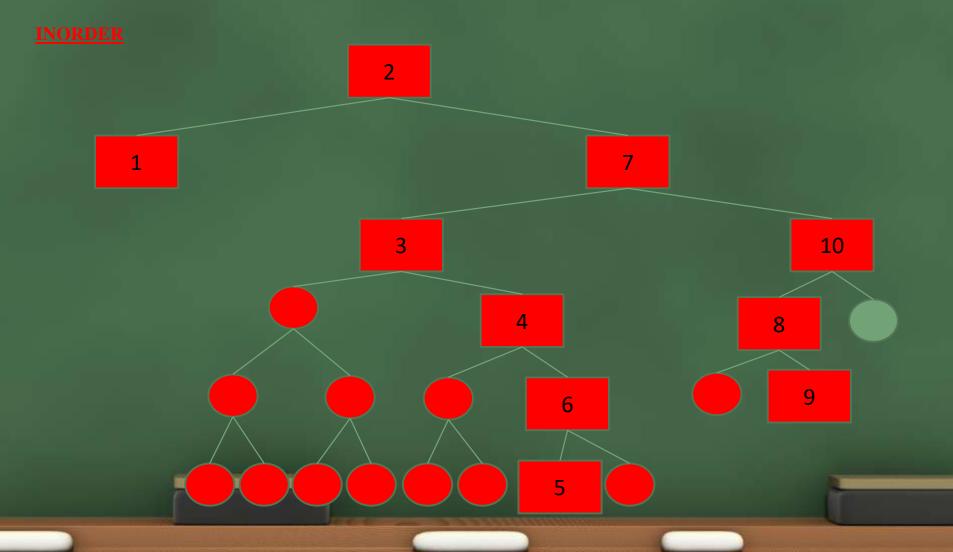
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



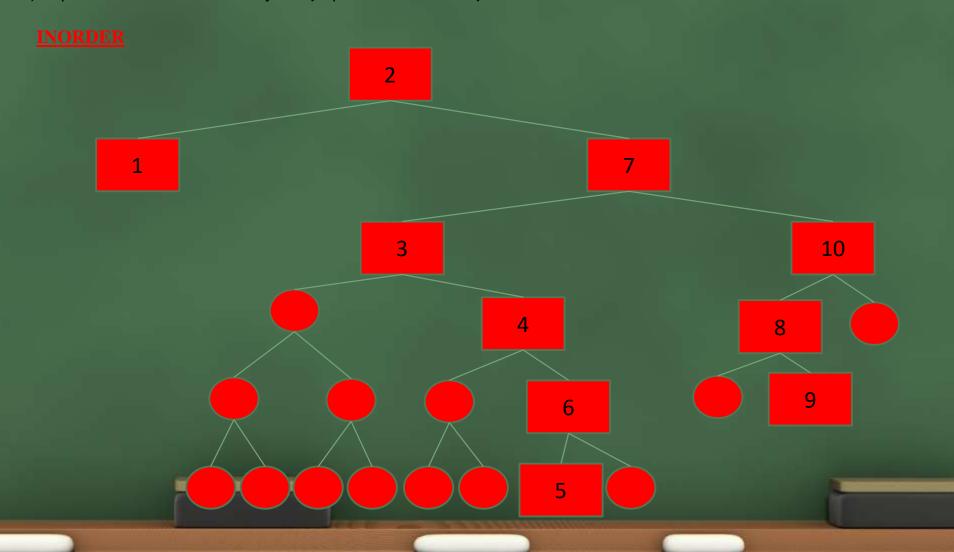
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



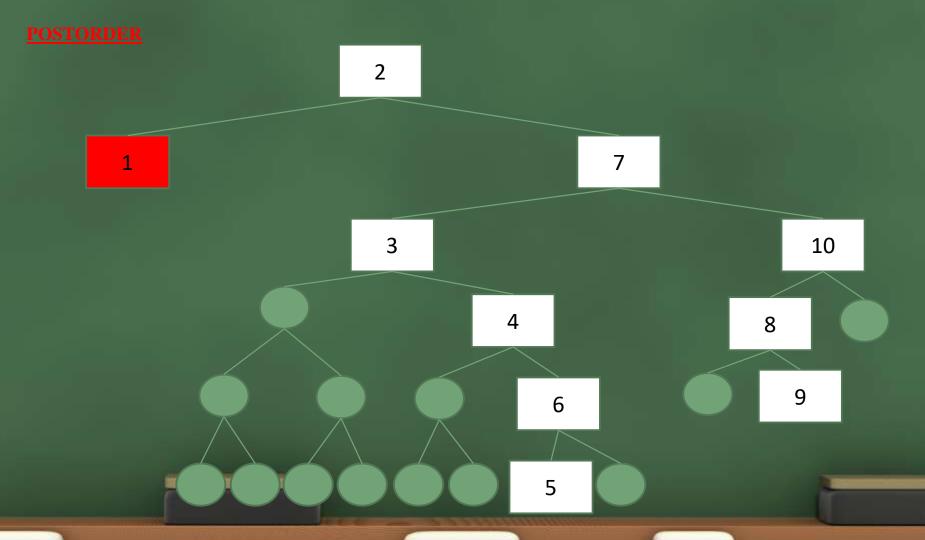
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



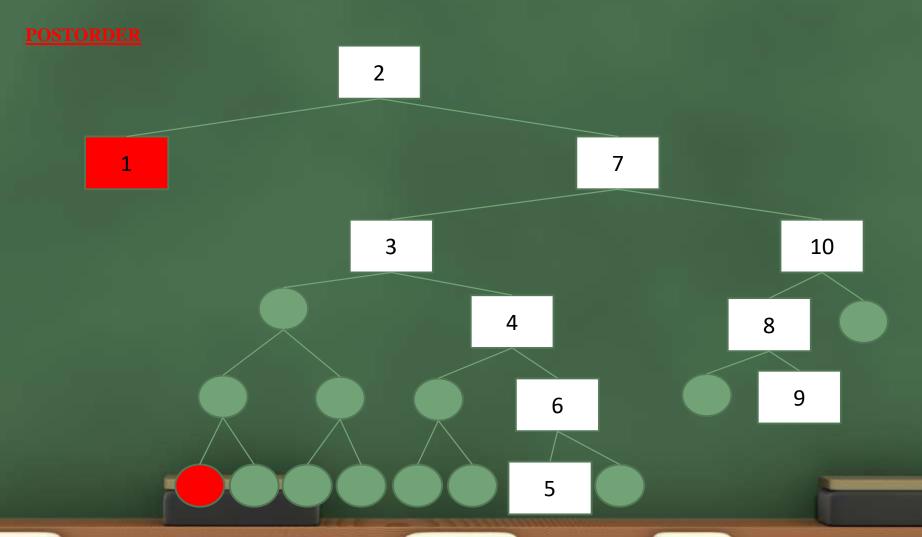
2. U binarno stablo spremaju se cjelobrojni podaci (int). Zadan je niz brojeva: 2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



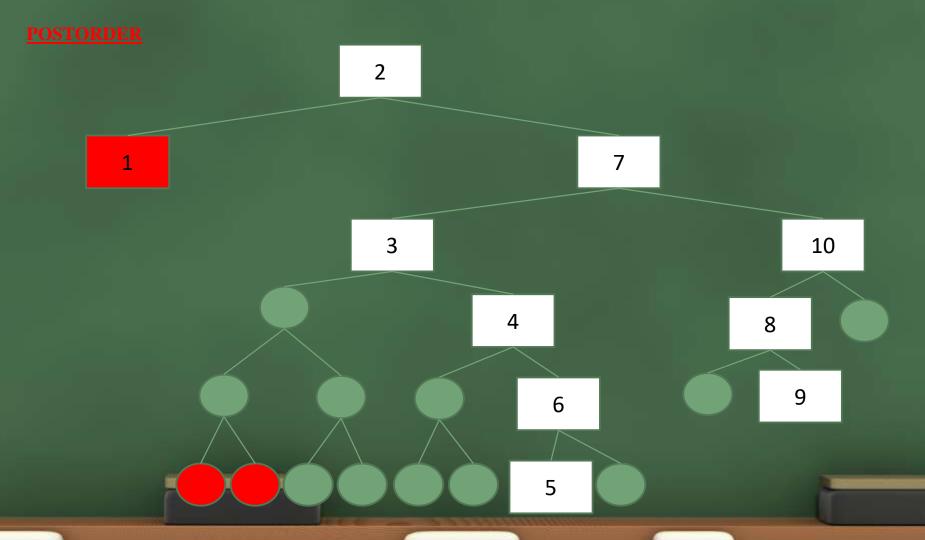
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



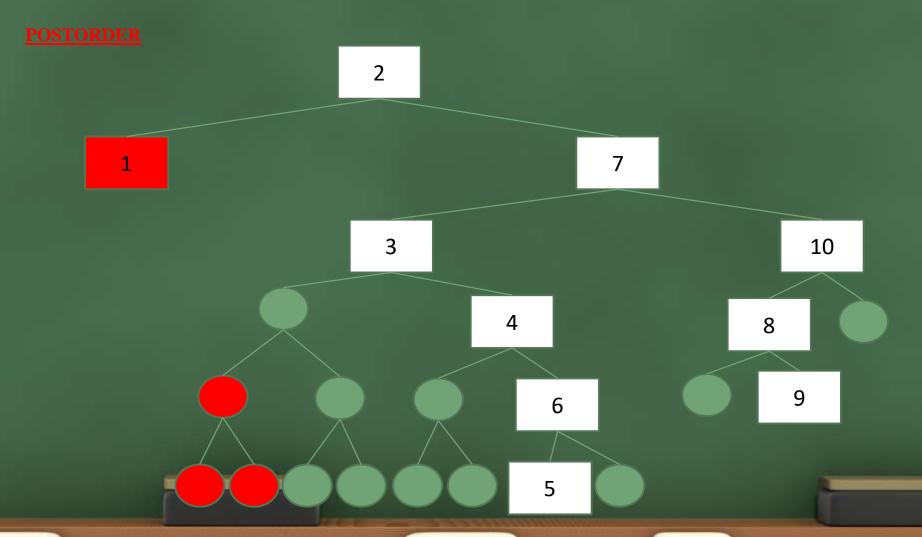
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



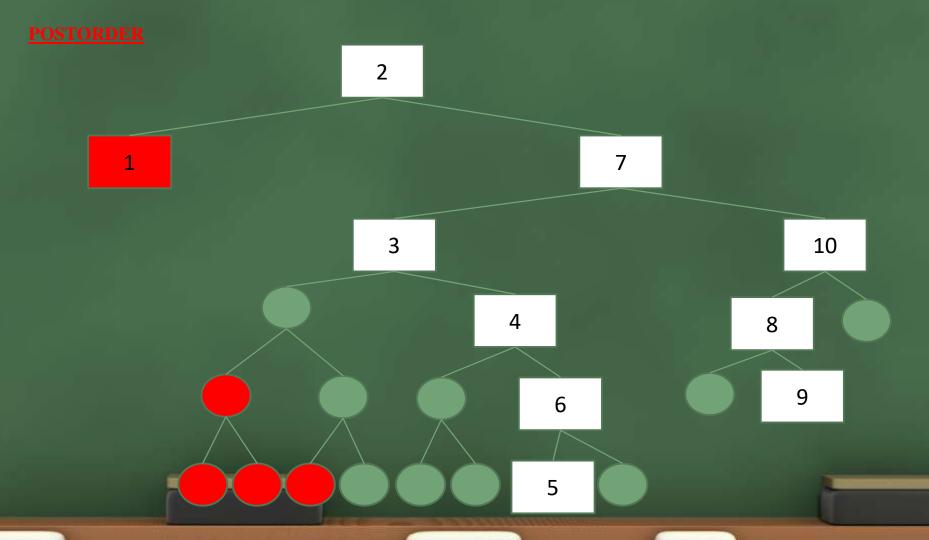
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



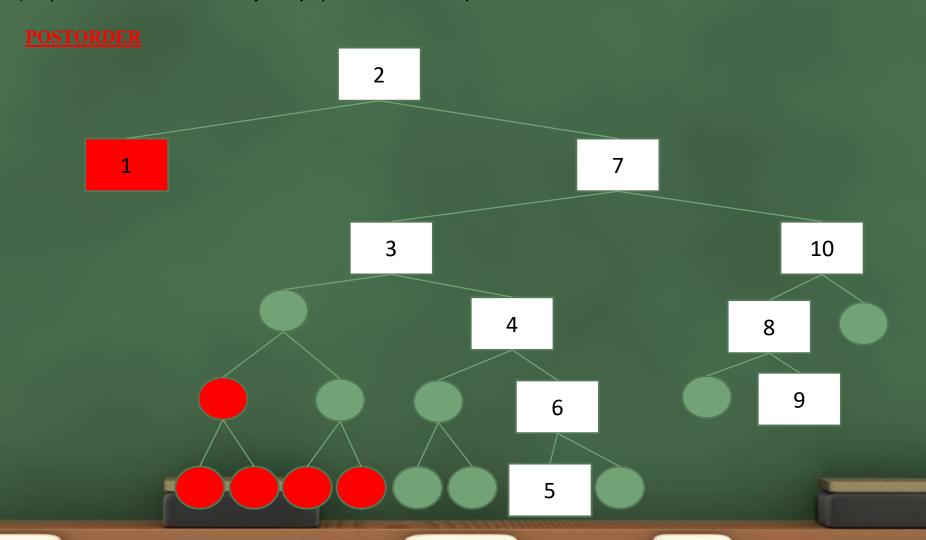
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



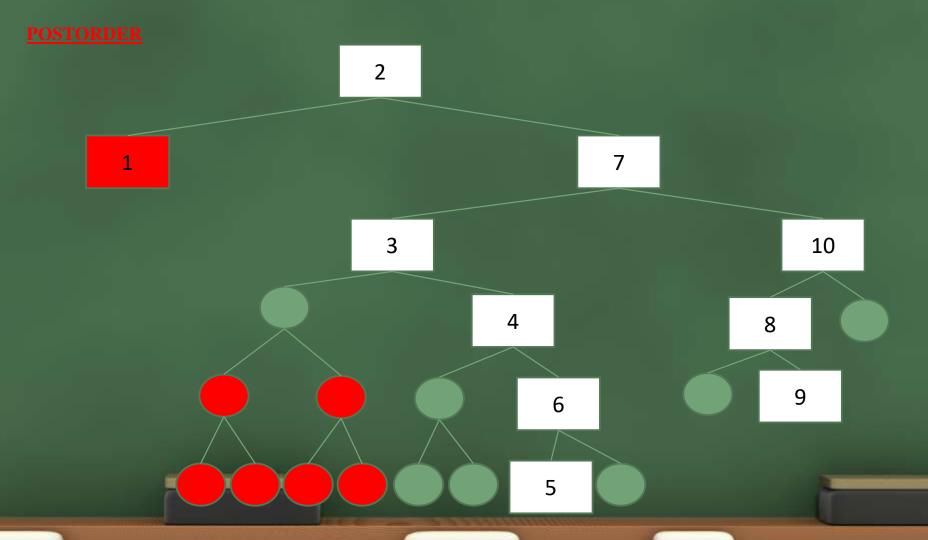
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



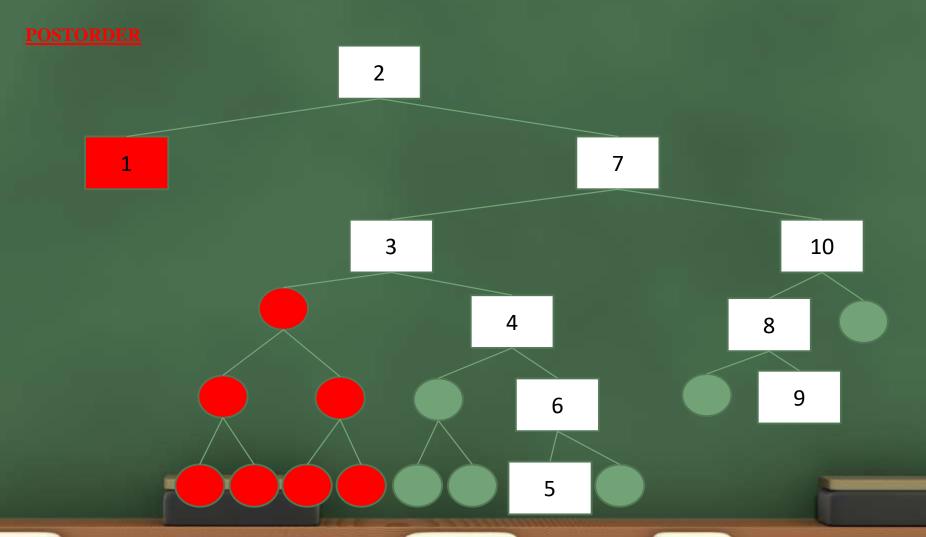
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



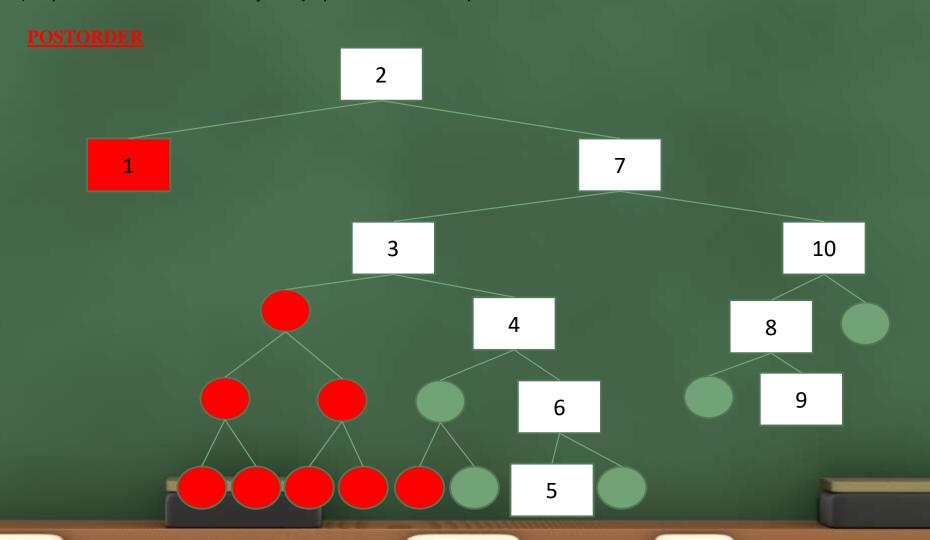
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



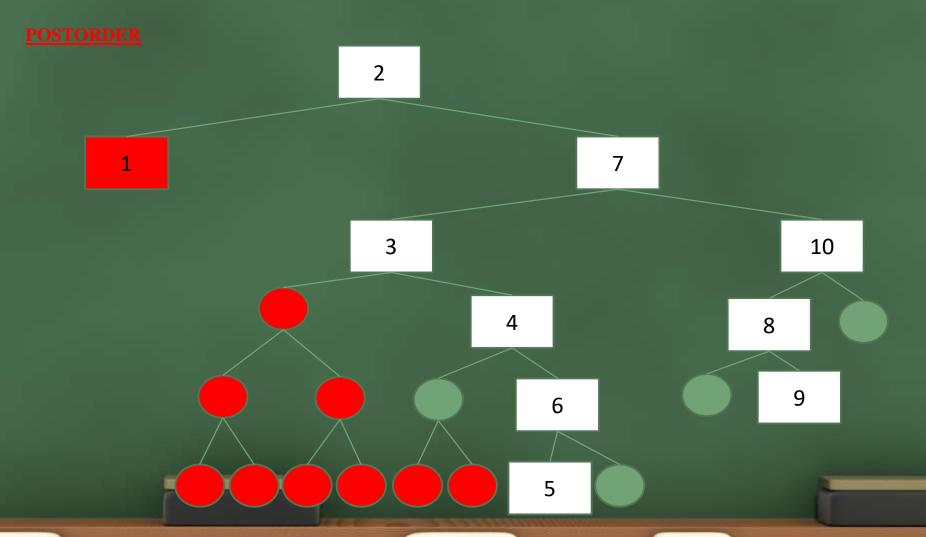
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



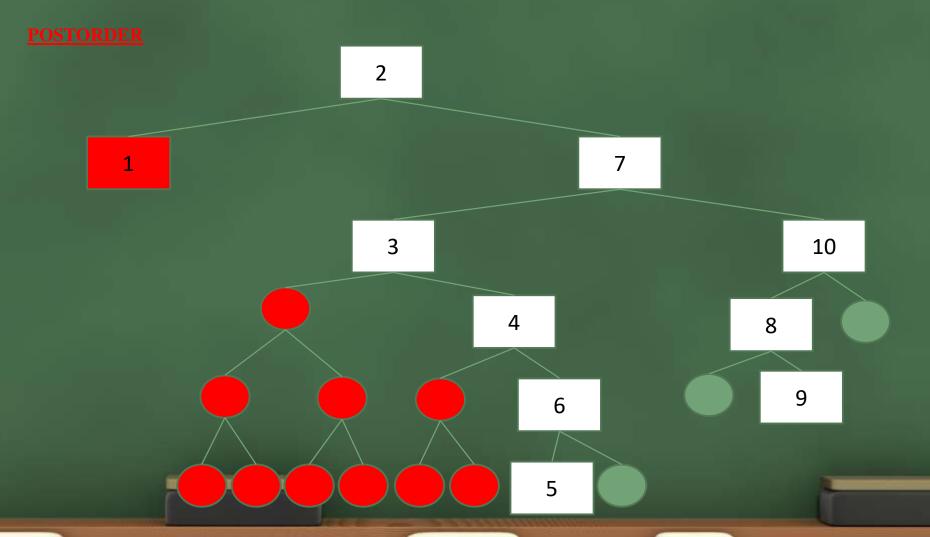
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



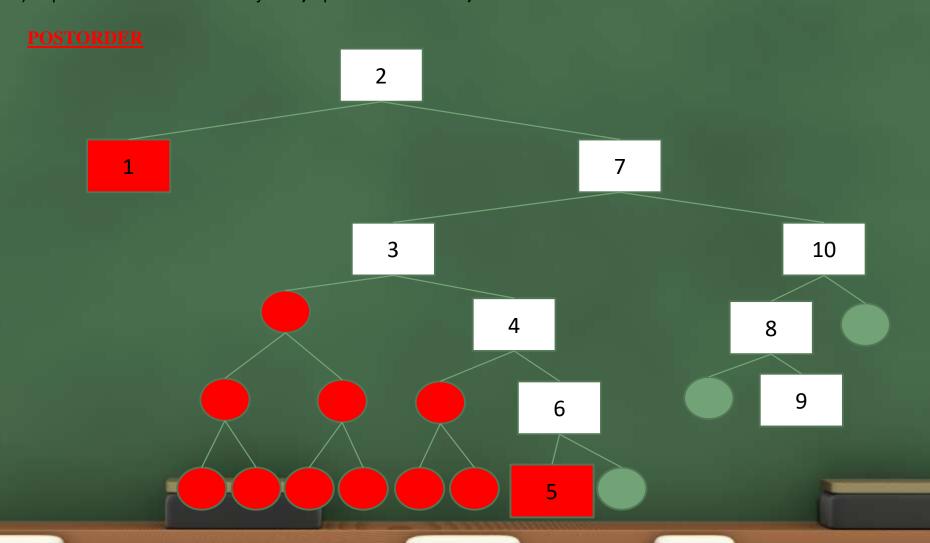
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



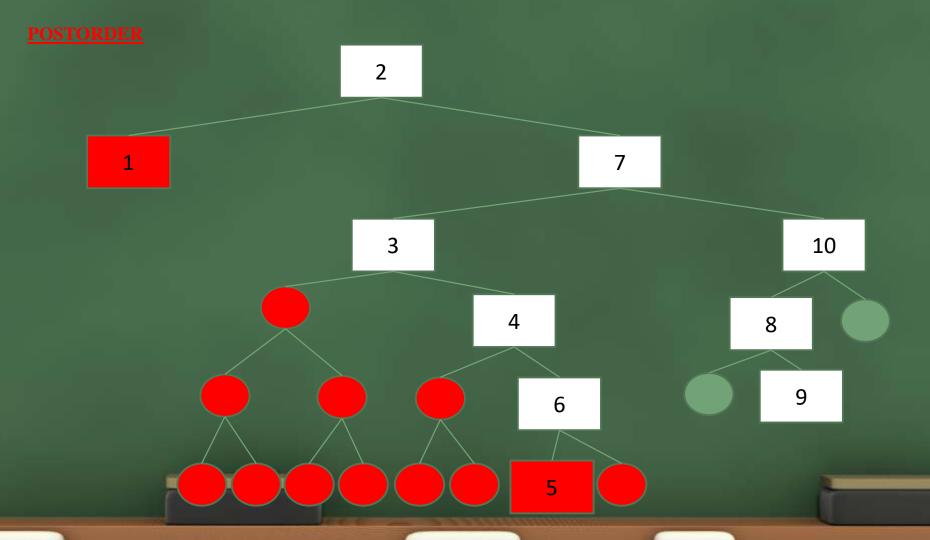
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



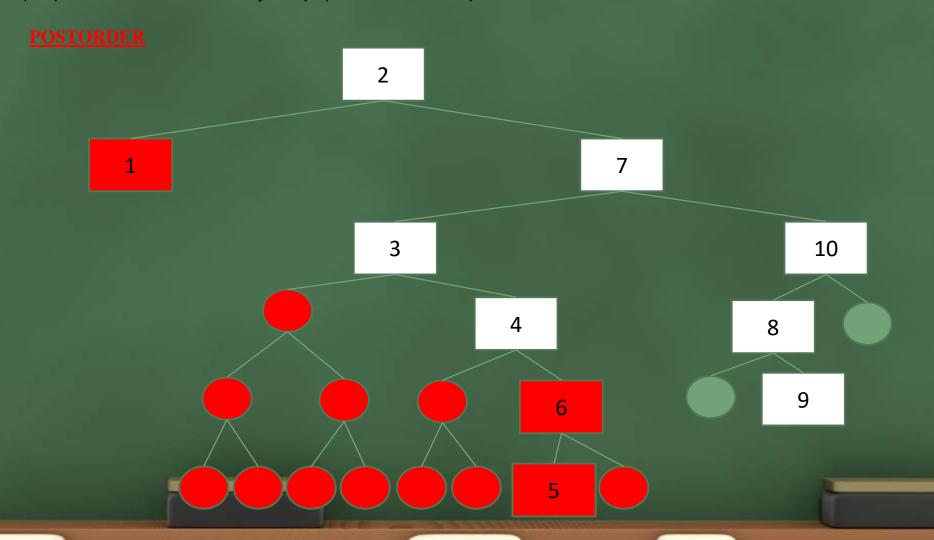
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



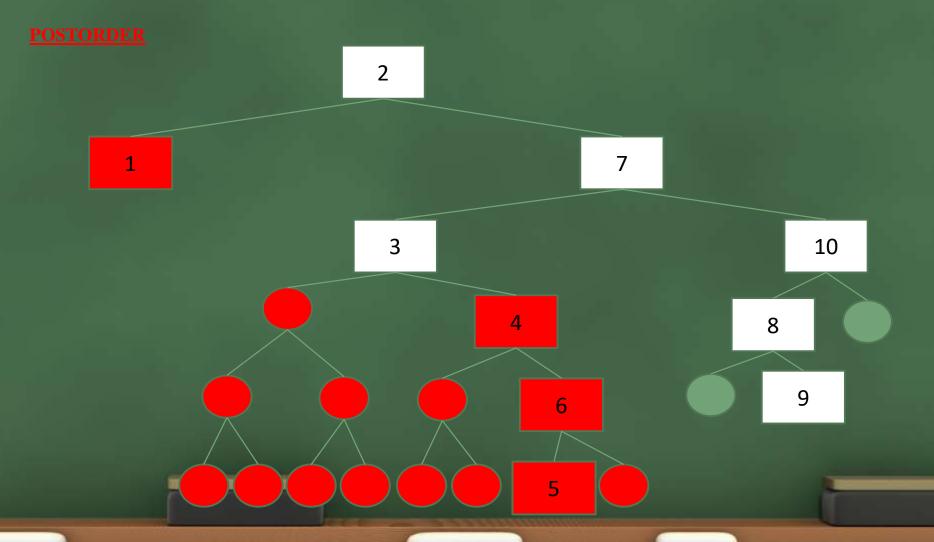
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



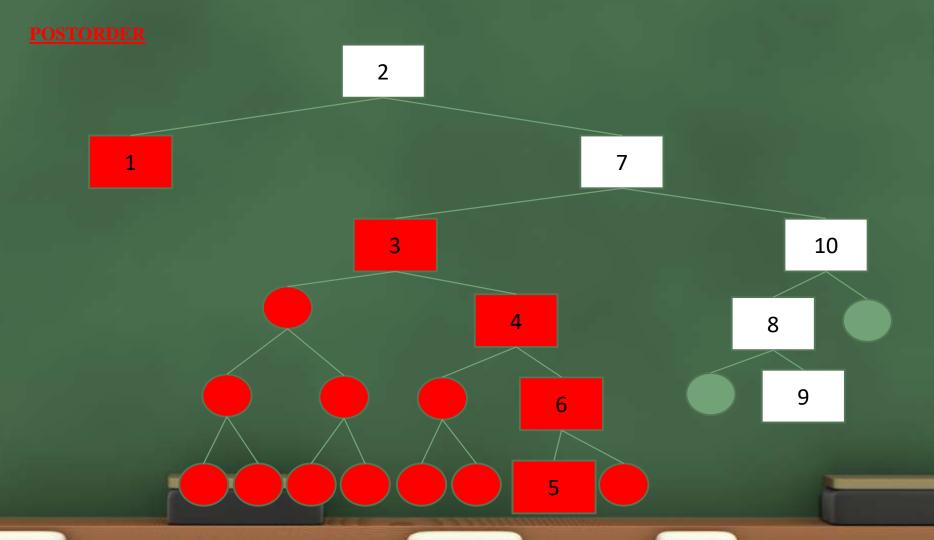
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



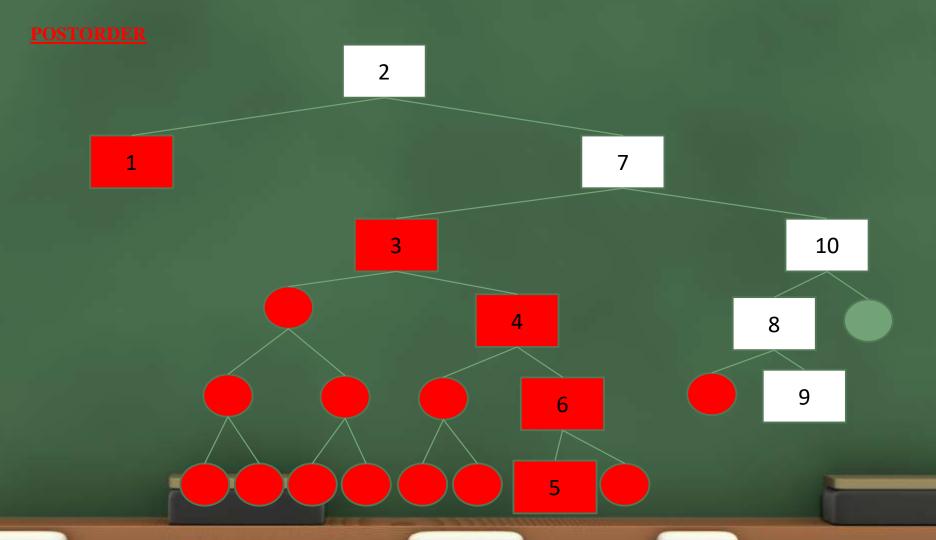
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



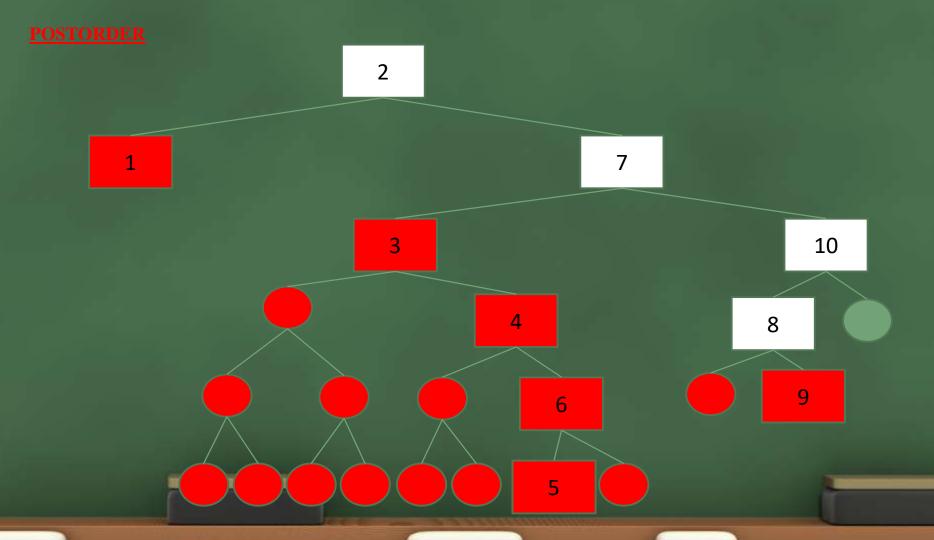
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



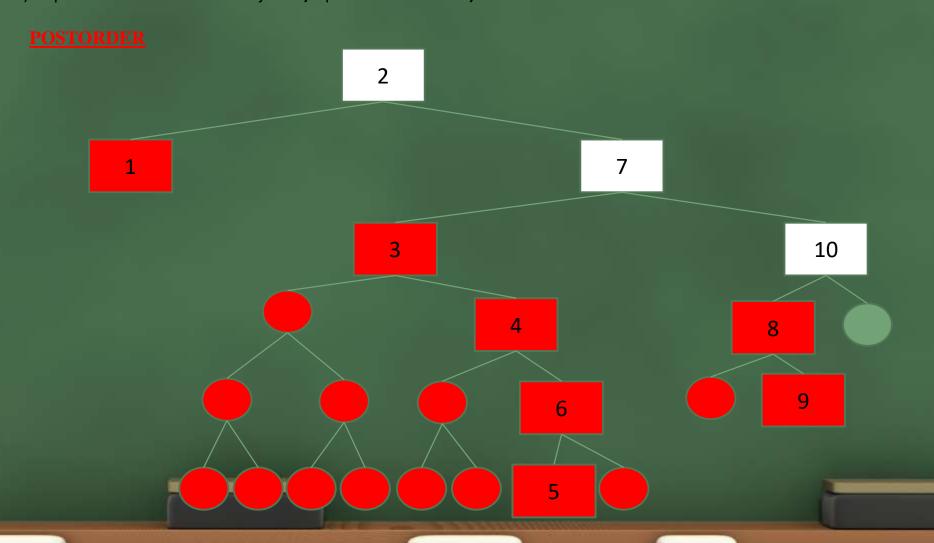
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



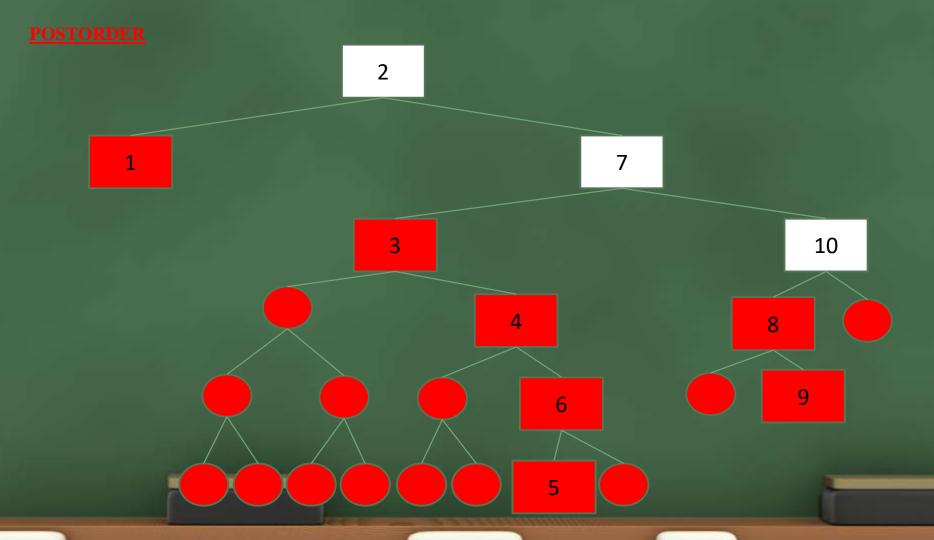
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



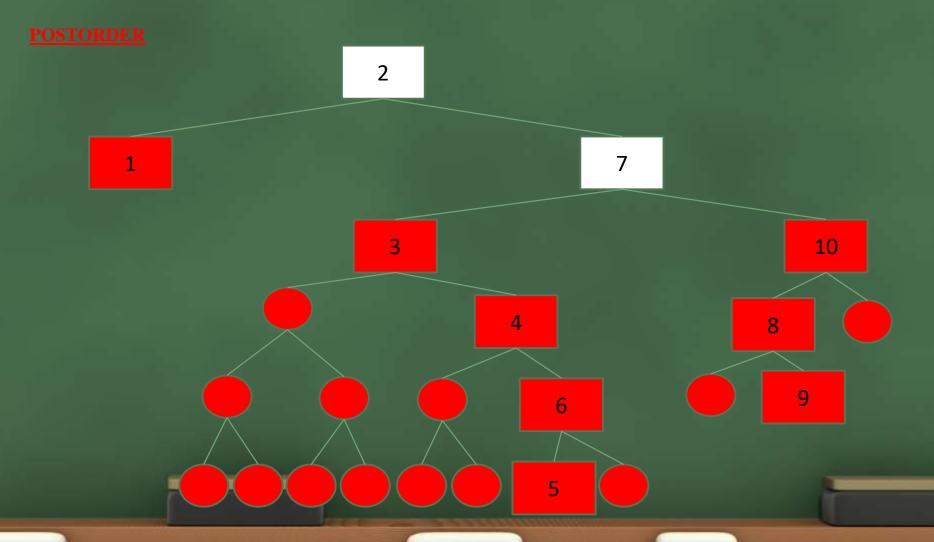
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



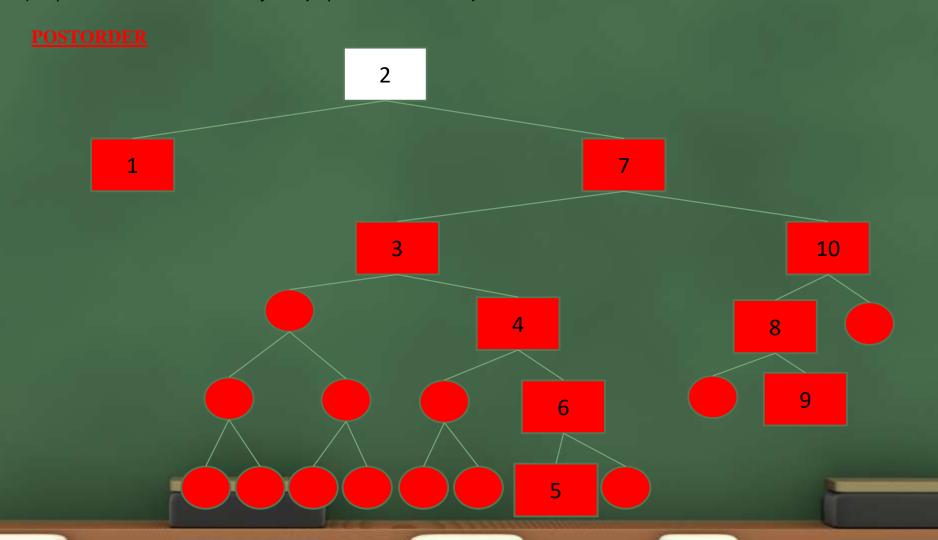
2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.



2, 7, 3, 1, 4, 10, 8, 9, 6 i 5.

