



Preorder Traversals

Prof. Harish D.G.

Dept. of Computer and IT

College of Engineering, Pune (COEP)

www.harishgadade.com



Binary Tree Traversals

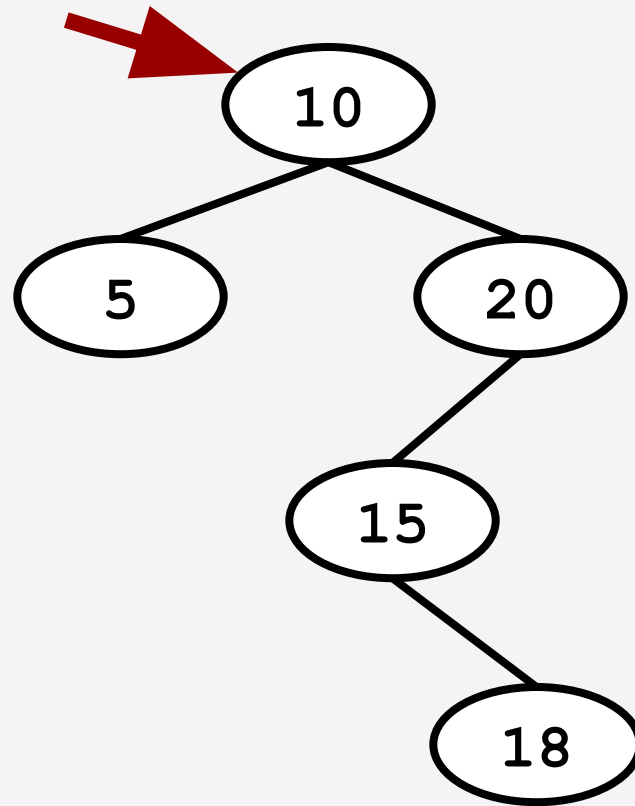
1. Binary Tree Traversals

- Inorder Traversal
- Preorder Traversal
- Postorder Traversal

Preorder Algorithm (VLR)

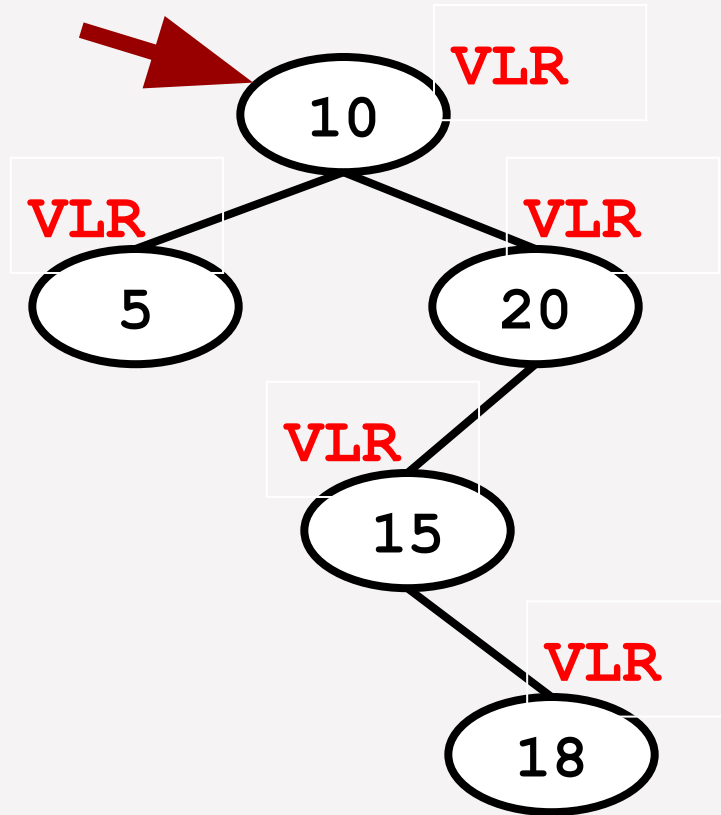
1. Visit the root
2. Traverse the Left sub-tree in preorder
3. Traverse the Right sub-tree in preorder

2. Preorder Traversals (VLR)



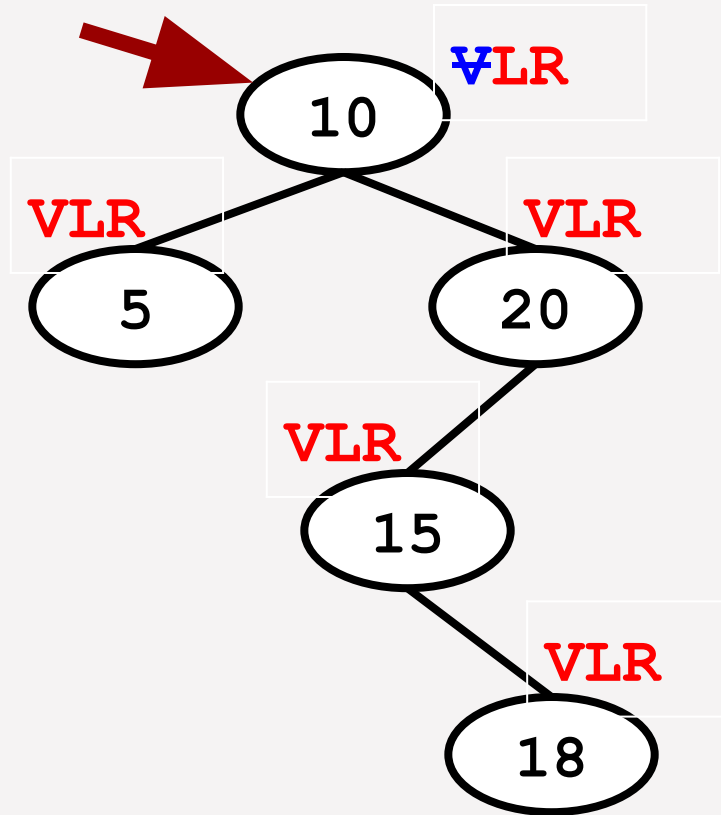
Output :

2. Preorder Traversals (VLR)



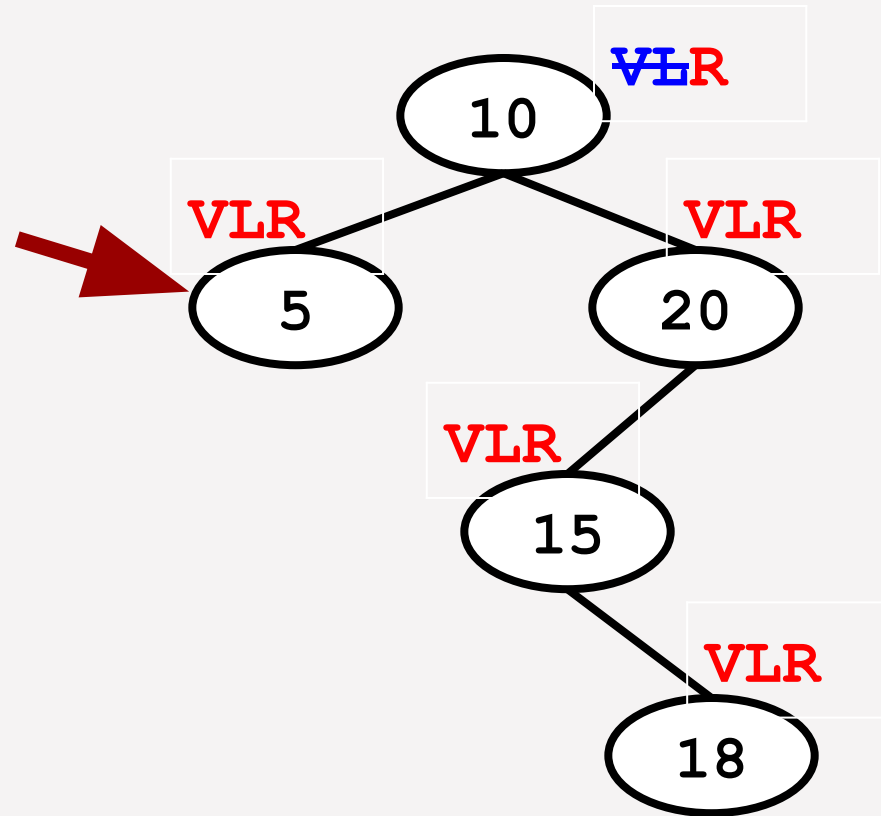
Output :

2. Preorder Traversals (VLR)



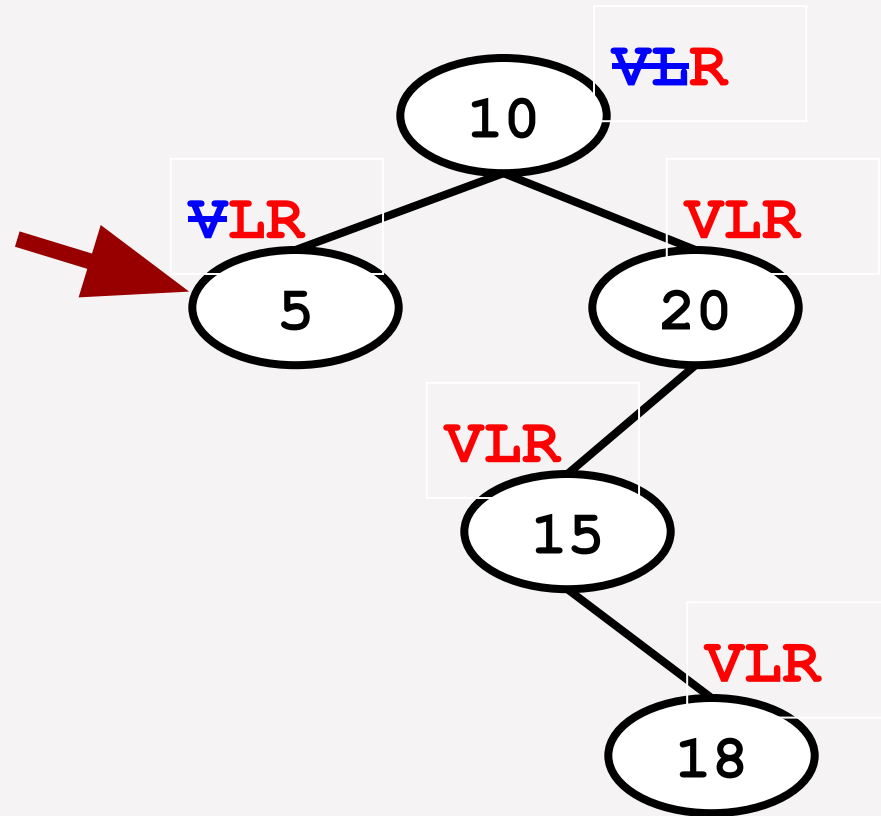
Output : 10

2. Preorder Traversals (VLR)



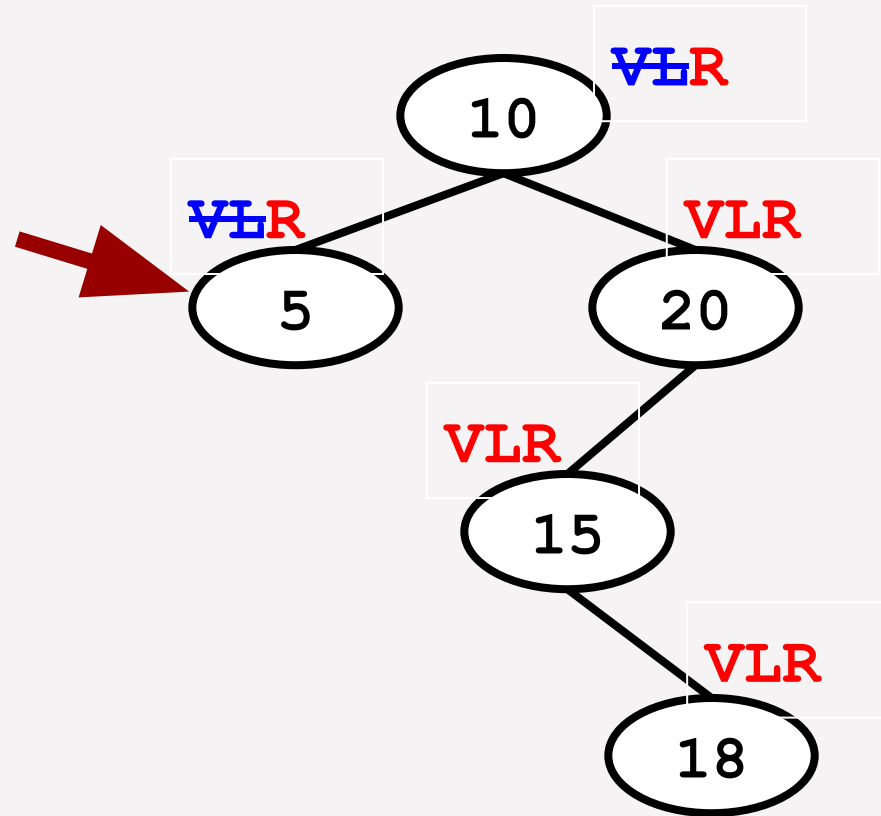
Output : 10

2. Preorder Traversals (VLR)



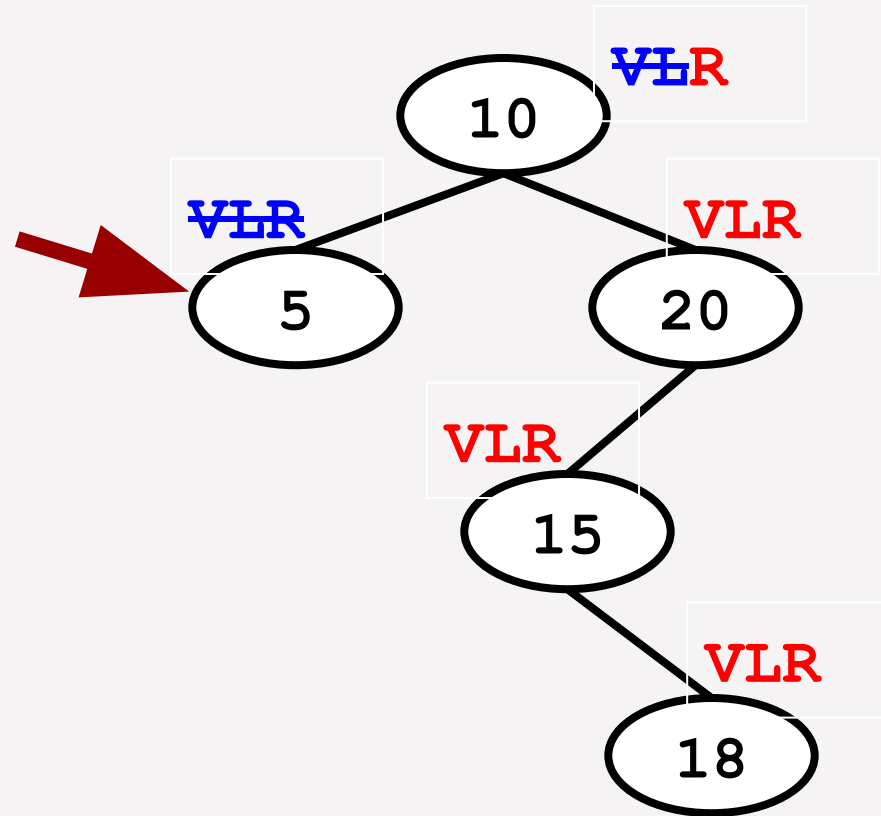
Output : 10, 5

2. Preorder Traversals (VLR)



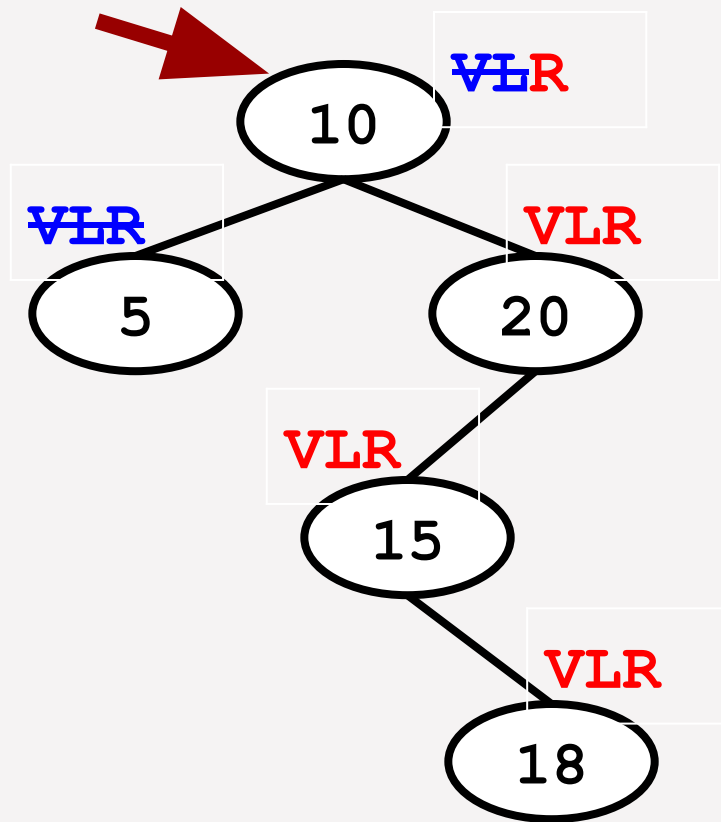
Output : 10, 5

2. Preorder Traversals (VLR)



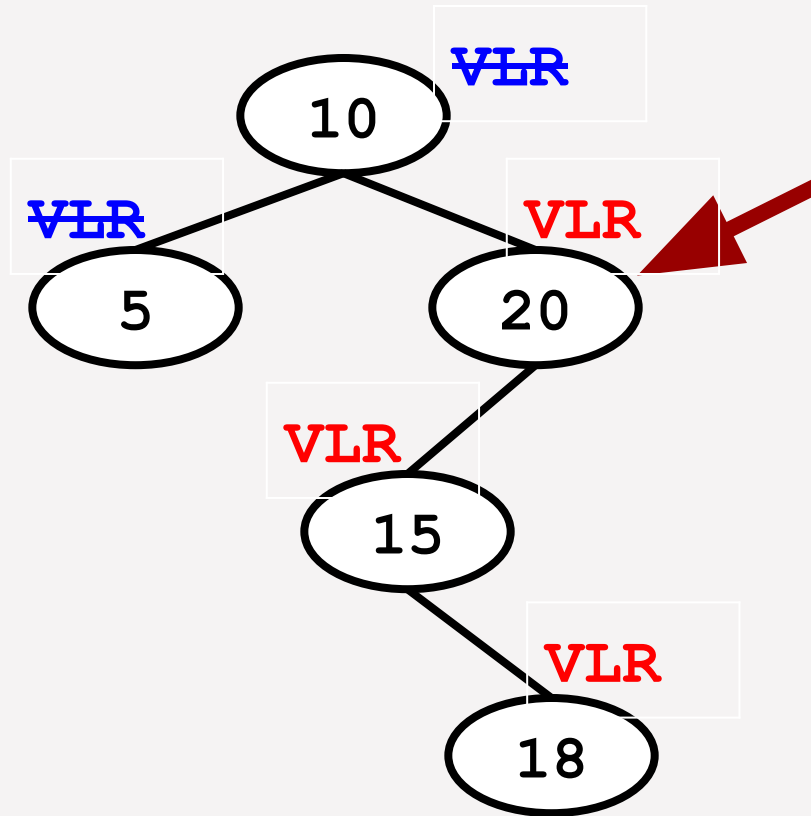
Output : 10, 5

2. Preorder Traversals (VLR)



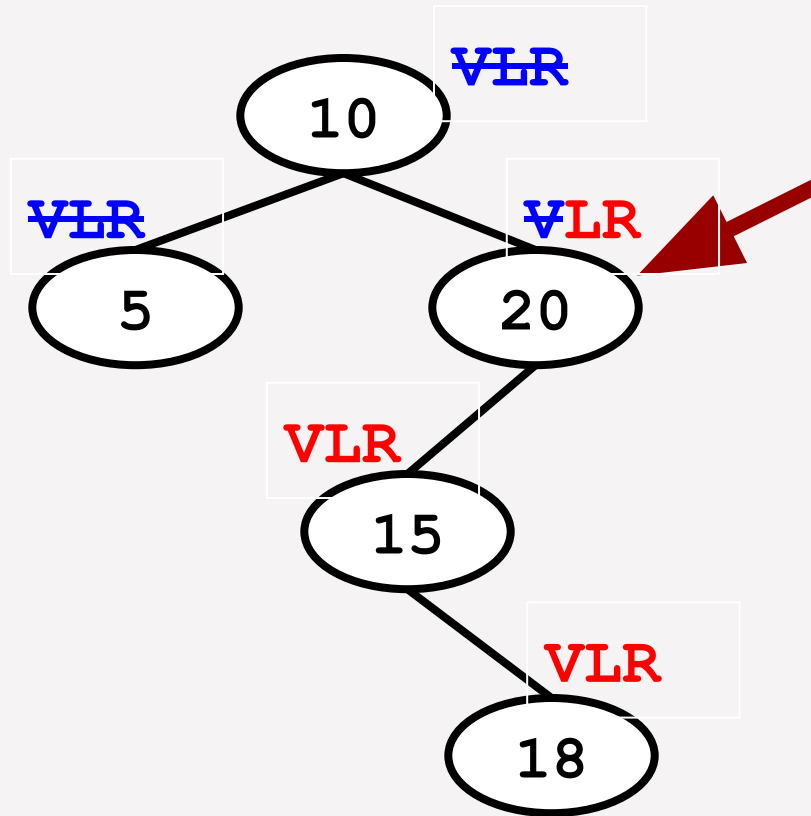
Output : 10, 5

2. Preorder Traversals (VLR)



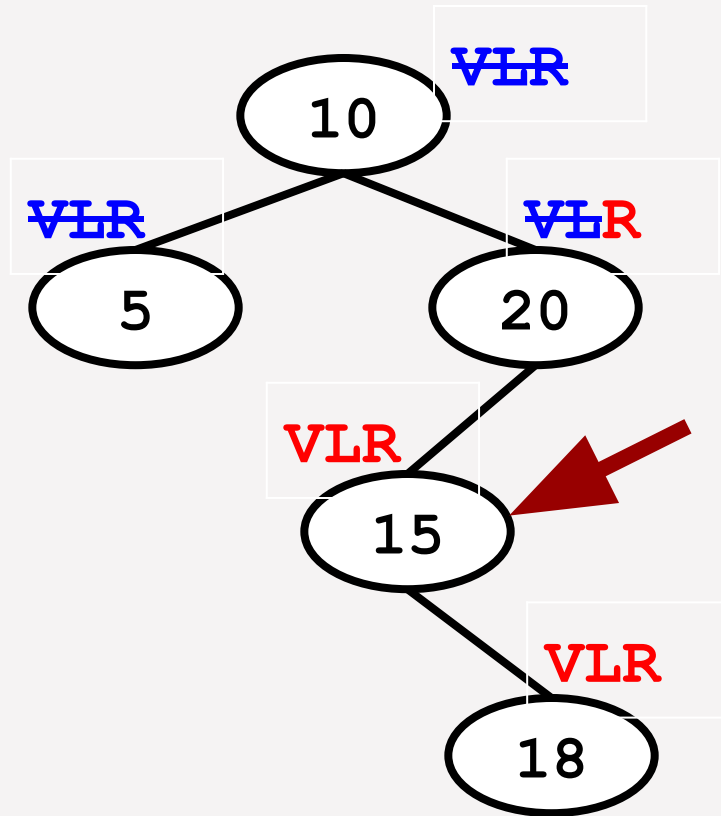
Output : 10, 5

2. Preorder Traversals (VLR)



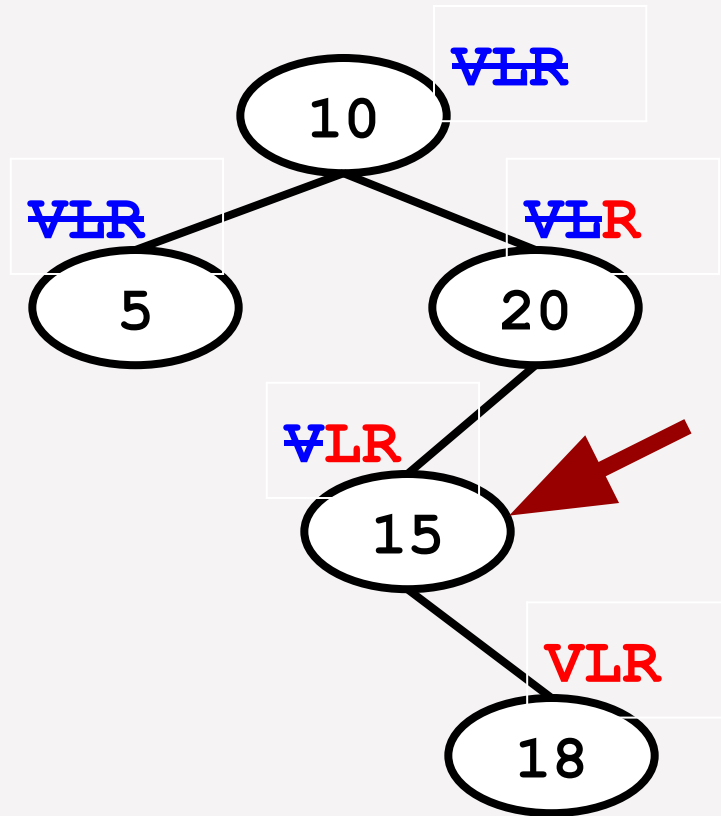
Output : 10, 5, 20

2. Preorder Traversals (VLR)



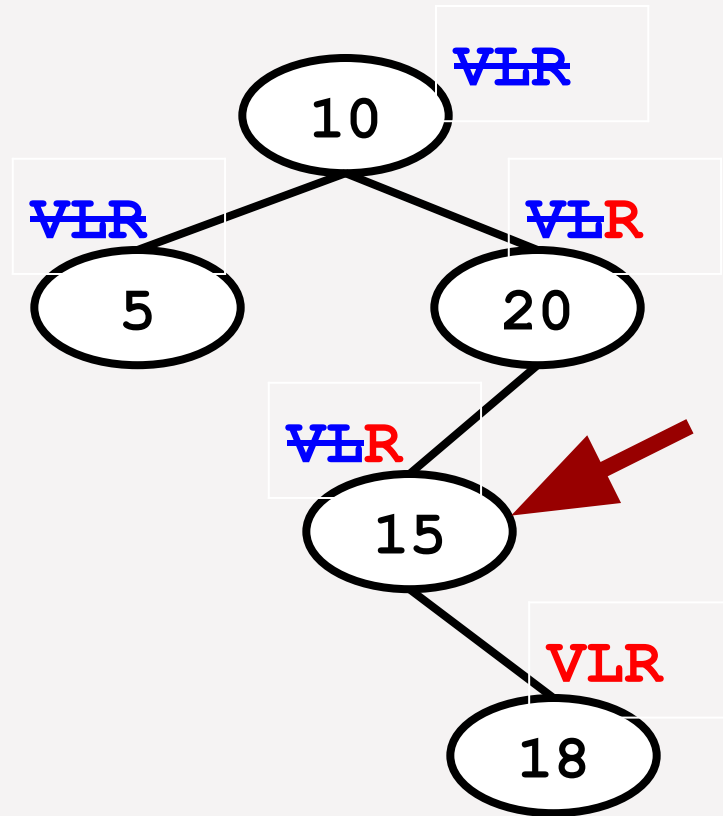
Output : 10, 5, 20

2. Preorder Traversals (VLR)



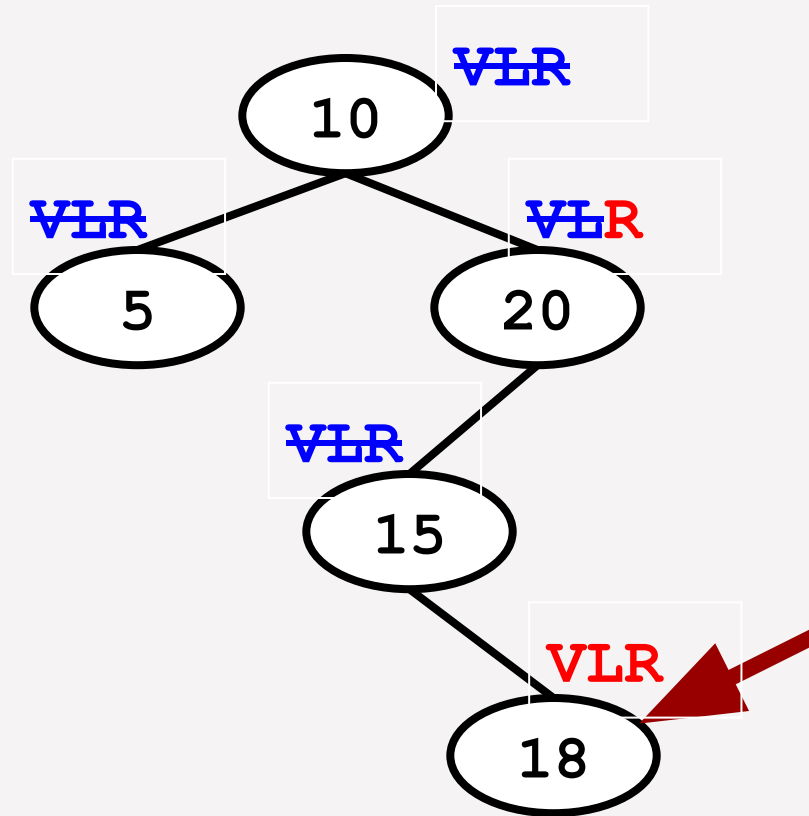
Output : 10, 5, 20, 15

2. Preorder Traversals (VLR)



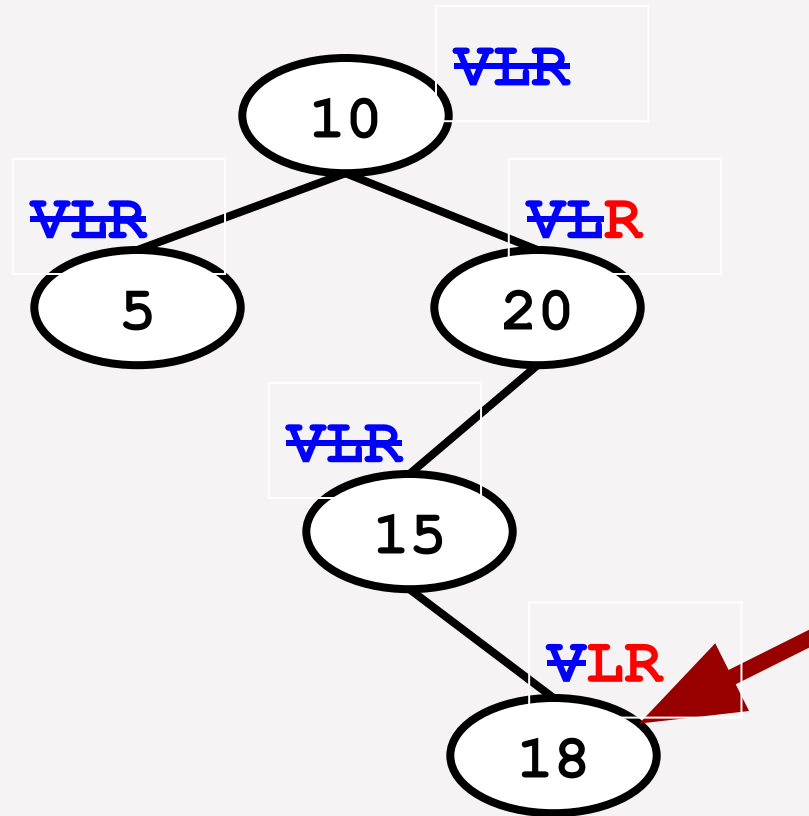
Output : 10, 5, 20, 15

2. Preorder Traversals (VLR)



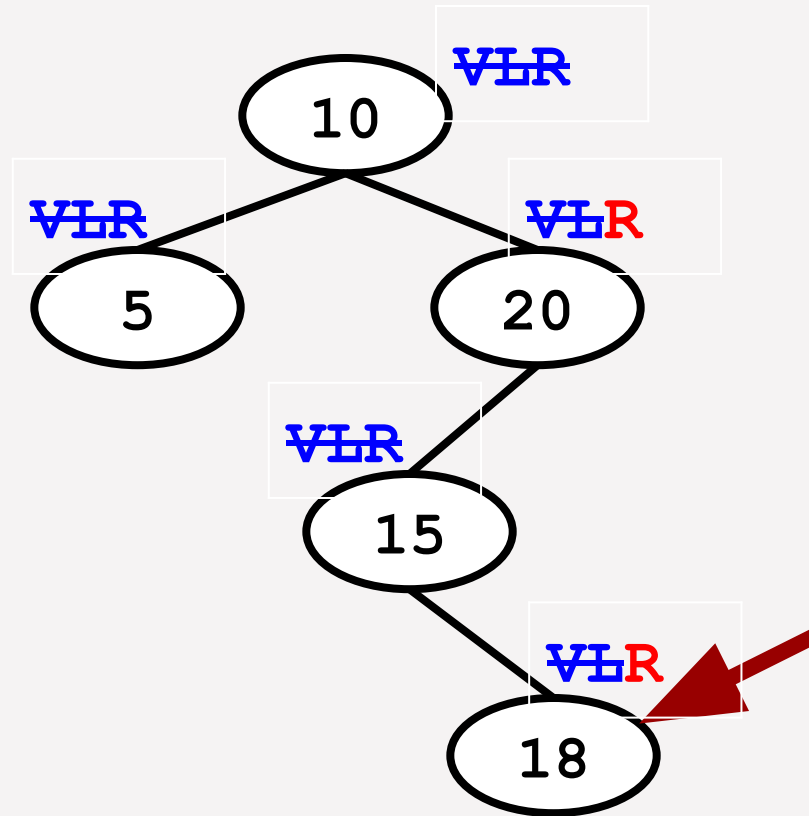
Output : 10, 5, 20, 15

2. Preorder Traversals (VLR)



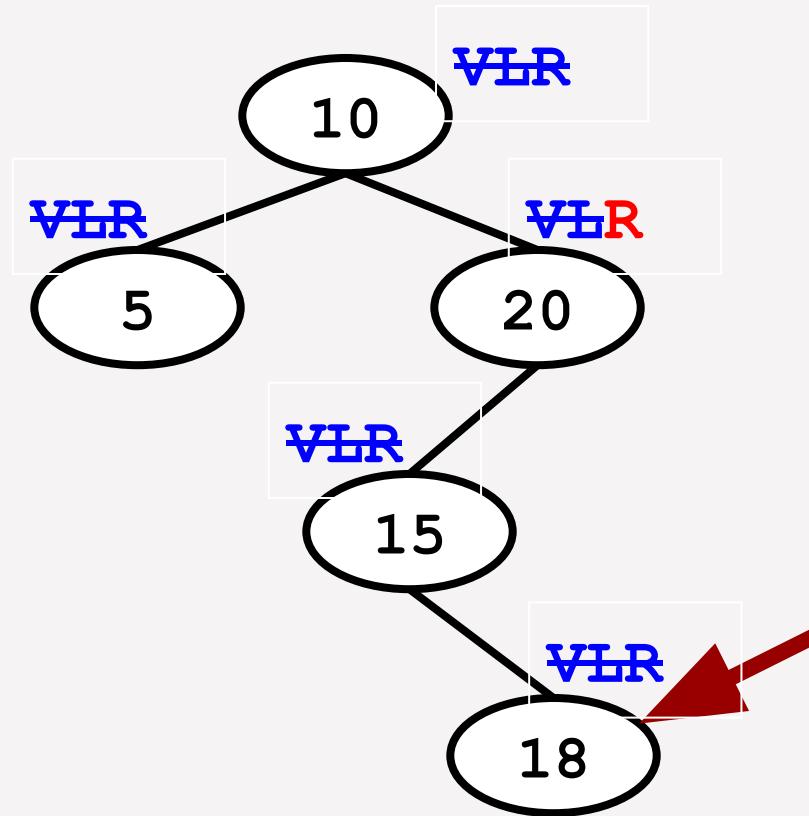
Output : 10, 5, 20, 15, 18

2. Preorder Traversals (VLR)



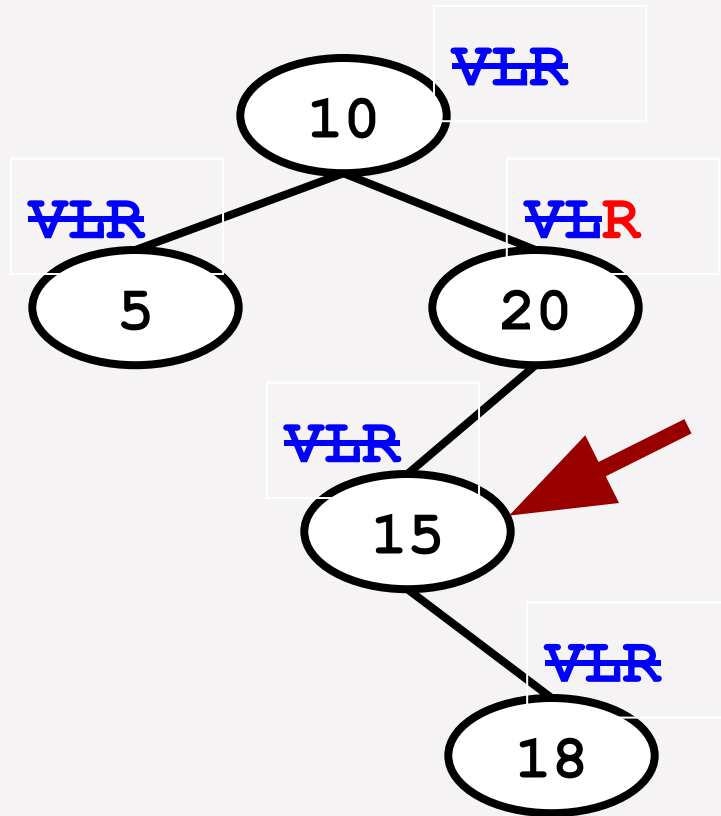
Output : 10, 5, 20, 15, 18

2. Preorder Traversals (VLR)



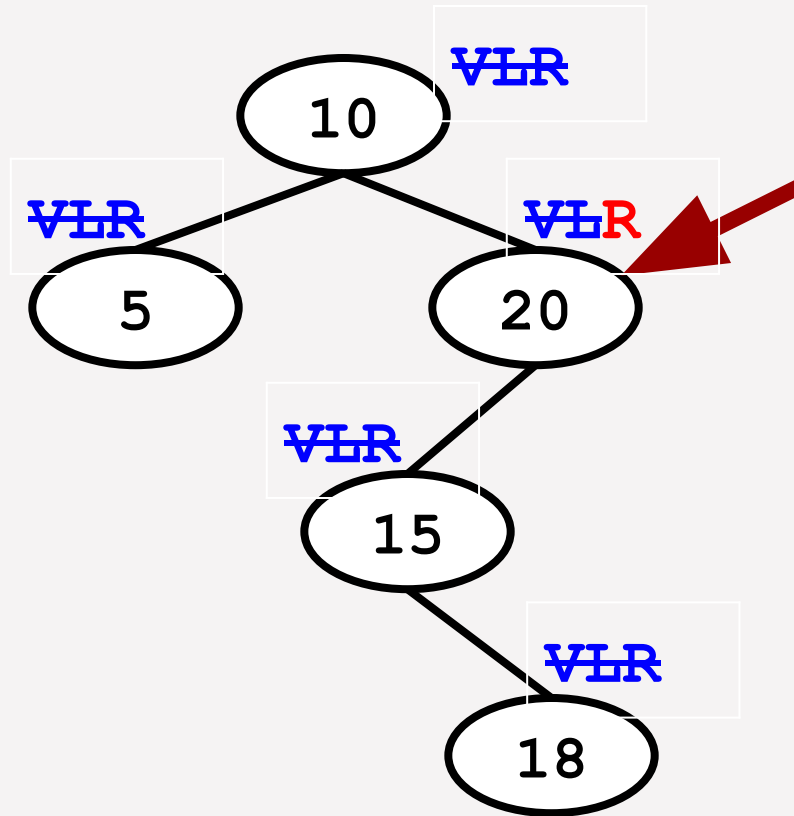
Output : 10, 5, 20, 15, 18

2. Preorder Traversals (VLR)



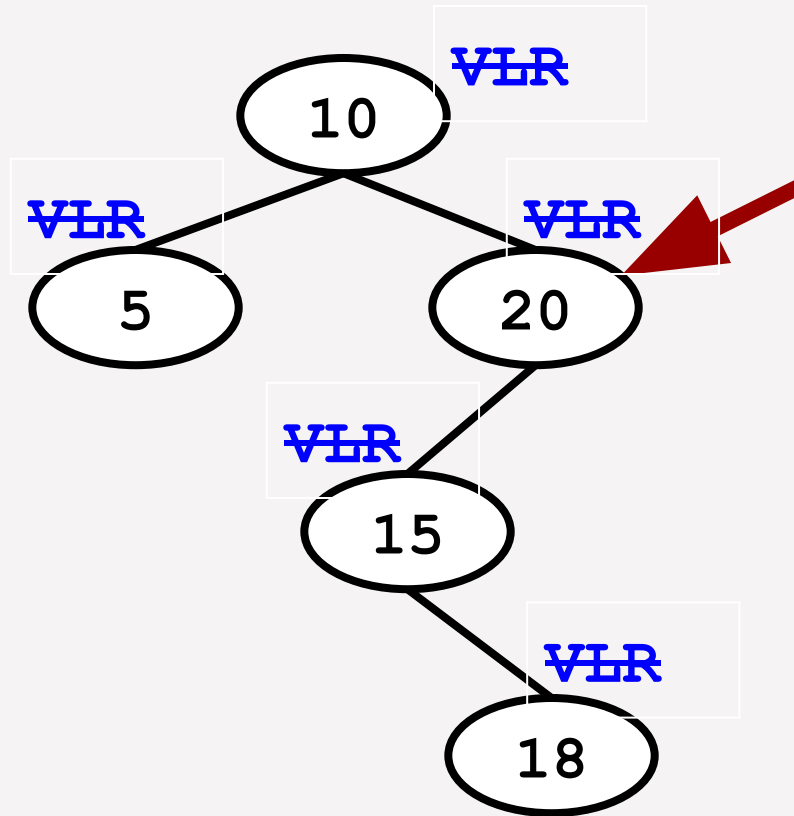
Output : 10, 5, 20, 15, 18

2. Preorder Traversals (VLR)



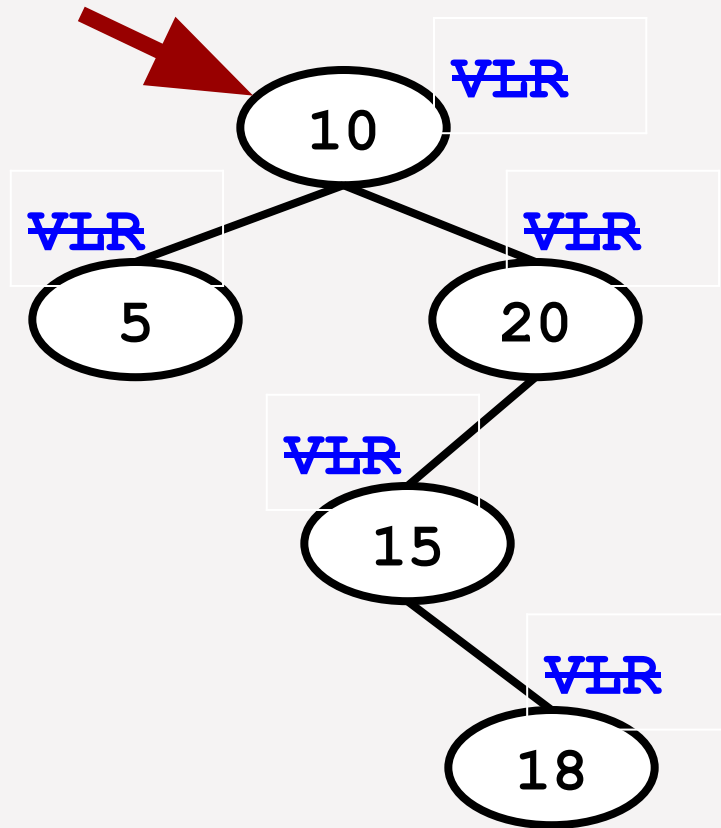
Output : 10, 5, 20, 15, 18

2. Preorder Traversals (VLR)



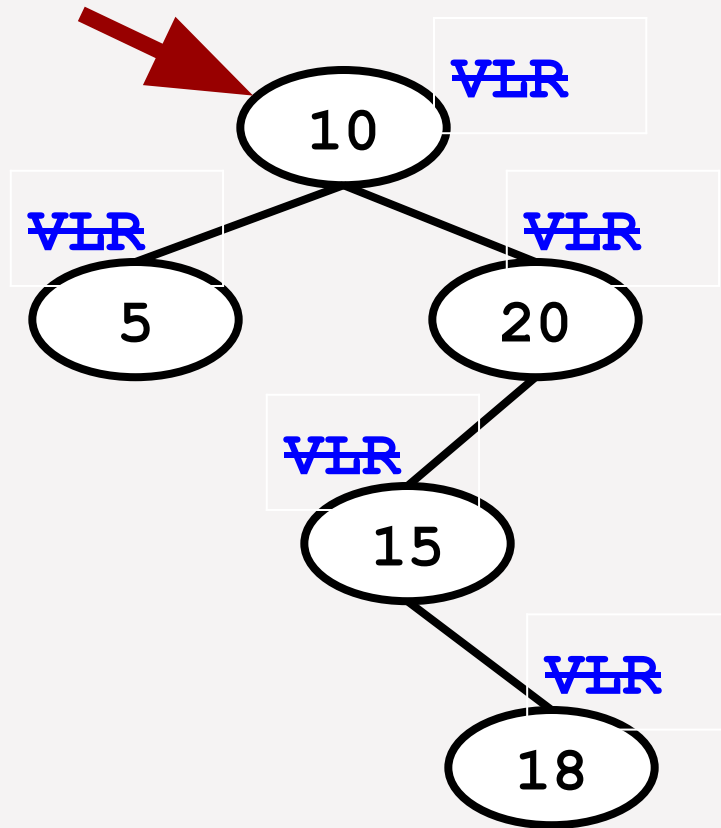
Output : 10, 5, 20, 15, 18

2. Preorder Traversals (VLR)



Output : 10, 5, 20, 15, 18

2. Preorder Traversals (VLR)



Output : 10, 5, 20, 15, 18

Final Preorder Traversals