

Enter the root of the tree		BINARY TREE
10	-----	(1)INSERT NODE
	BINARY TREE	(2)DELETE NODE
-----	(1)INSERT NODE	(3)SEARCH NODE
BINARY TREE	(2)DELETE NODE	(4)INORDER TRAVERSAL
(1)INSERT NODE	(3)SEARCH NODE	(5)PREORDER TRAVERSAL
(2)DELETE NODE	(4)INORDER TRAVERSAL	(6)POSTORDER TRAVERSAL
(3)SEARCH NODE	(5)PREORDER TRAVERSAL	(7)EXIT
(4)INORDER TRAVERSAL	(6)POSTORDER TRAVERSAL	
(5)PREORDER TRAVERSAL	(7)EXIT	Enter your choice:
(6)POSTORDER TRAVERSAL		4
(7)EXIT	Enter your choice:	
	1	Inorder traversal
Enter your choice:	Enter position	
1	3	2
Enter position	Enter the value:	3
10	1	1
Enter the value:	Enter left or right(0/1):	10
3	1	5
Enter left or right(0/1):		4
0	-----	6
	BINARY TREE	
-----	(1)INSERT NODE	-----
BINARY TREE	(2)DELETE NODE	BINARY TREE
(1)INSERT NODE	(3)SEARCH NODE	(1)INSERT NODE
(2)DELETE NODE	(4)INORDER TRAVERSAL	(2)DELETE NODE
(3)SEARCH NODE	(5)PREORDER TRAVERSAL	(3)SEARCH NODE
(4)INORDER TRAVERSAL	(6)POSTORDER TRAVERSAL	(4)INORDER TRAVERSAL
(5)PREORDER TRAVERSAL	(7)EXIT	(5)PREORDER TRAVERSAL
(6)POSTORDER TRAVERSAL		(6)POSTORDER TRAVERSAL
(7)EXIT	Enter your choice:	(7)EXIT
	1	
Enter your choice:	Enter position	Enter your choice:
1	4	5
Enter position	Enter the value:	
10	5	Preorder traversal
Enter the value:	Enter left or right(0/1):	
4	0	10
Enter left or right(0/1):		3
1	-----	2
	BINARY TREE	1
-----	(1)INSERT NODE	4
BINARY TREE	(2)DELETE NODE	5
(1)INSERT NODE	(3)SEARCH NODE	6
(2)DELETE NODE	(4)INORDER TRAVERSAL	
(3)SEARCH NODE	(5)PREORDER TRAVERSAL	-----
(4)INORDER TRAVERSAL	(6)POSTORDER TRAVERSAL	BINARY TREE
(5)PREORDER TRAVERSAL	(7)EXIT	(1)INSERT NODE
(6)POSTORDER TRAVERSAL		(2)DELETE NODE
(7)EXIT	Enter your choice:	(3)SEARCH NODE
	1	(4)INORDER TRAVERSAL
Enter your choice:	Enter position	(5)PREORDER TRAVERSAL
1	4	(6)POSTORDER TRAVERSAL
Enter position	Enter the value:	(7)EXIT
3	6	
Enter the value:	Enter left or right(0/1):	Enter your choice:
2	1	6
Enter left or right(0/1):	-----	
0		Postorder traversal

```
2
1
3
5
6
4
10
-----
BINARY TREE
(1)INSERT NODE
(2)DELETE NODE
(3)SEARCH NODE
(4)INORDER TRAVERSAL
(5)PREORDER TRAVERSAL
(6)POSTORDER TRAVERSAL
(7)EXIT
```

```
Enter your choice:
2
Enter number to delete
1
```

```
Node 1 deleted

-----
BINARY TREE
(1)INSERT NODE
(2)DELETE NODE
(3)SEARCH NODE
(4)INORDER TRAVERSAL
(5)PREORDER TRAVERSAL
(6)POSTORDER TRAVERSAL
(7)EXIT
```

```
Enter your choice:
4
```

```
Inorder traversal
```

```
2
3
10
5
4
6

-----
BINARY TREE
(1)INSERT NODE
(2)DELETE NODE
(3)SEARCH NODE
(4)INORDER TRAVERSAL
(5)PREORDER TRAVERSAL
(6)POSTORDER TRAVERSAL
(7)EXIT
```

```
Enter your choice:
```

```
3
Enter number
4

Found

-----
BINARY TREE
(1)INSERT NODE
(2)DELETE NODE
(3)SEARCH NODE
(4)INORDER TRAVERSAL
(5)PREORDER TRAVERSAL
(6)POSTORDER TRAVERSAL
(7)EXIT

Enter your choice:
7
```