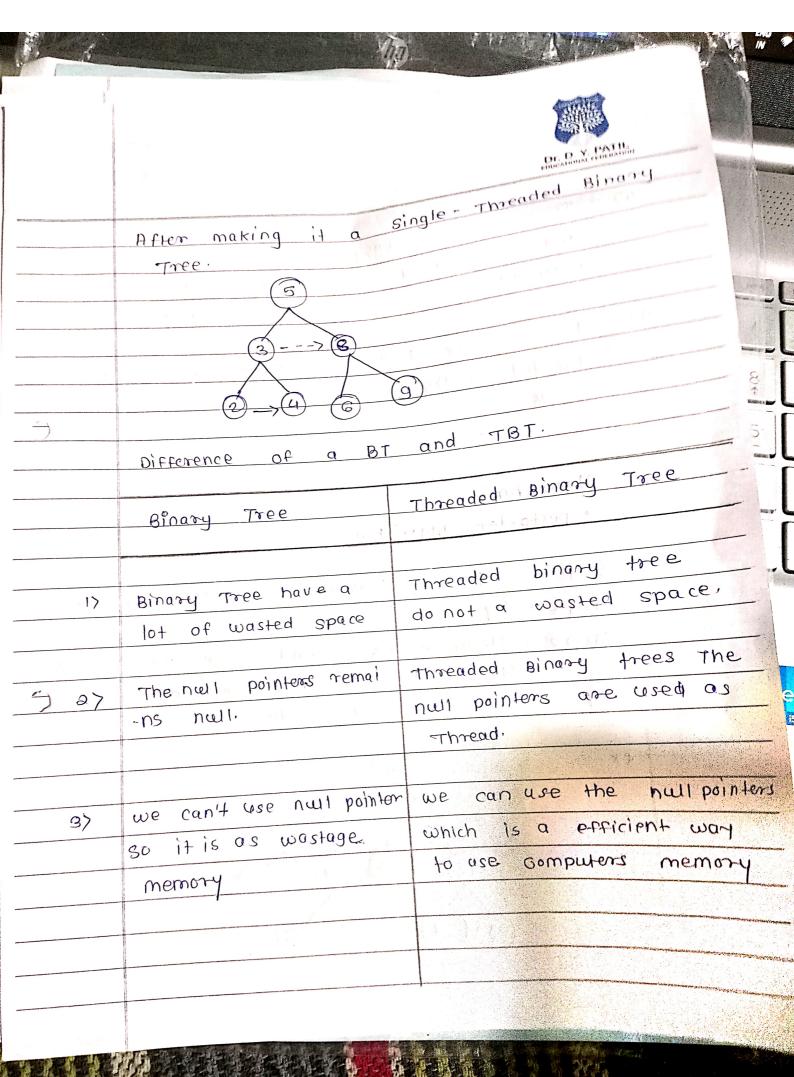




| | Dr. D. Y. PATIL EDUCATIONAL FEDERATION | |
|------------|---|--|
| | 7117 0117 91417 | |
| | 1) single - Threaded Binary Tree - each node | |
| | picks to its inorder | |
| | e7 pouble-Threaded Binary Tree- each node | |
| | lacapoints auto aboth its | |
| | enorder successor and predecessor. | |
| An ex | | |
| 7 | r properties -In a single-threaded tree, a node with | |
| 4 top min | no right child points to its inorder successor | |
| | and a node with no left child points to | |
| - 45° | its inorder predesseembood but accompany | |
| 1099 | ad the Add to manage adversary party rough | |
| | Advantages of TBT- | |
| 4 de manes | . Threaded Binary Tree eliminate the need | |
| 400 601 | for stack space during traversal. | |
| | . Inorder traversal can be done without | |
| 4 | | |
| 1 | | |
| | | |
| | ex. Binary Tree | |
| | | |
| | an employed to the first and the first of the | |
| | (3) (8.) | |
| 15 | (3) | |
| | (a) (b) | |
| | | |
| | | |





| | | A CONTROL OF THE CONT | |
|------|---|--|--|
| | | | |
| 47 | Traverse is not easy | Traversal beasy. completed | |
| 4/ | and not memory | without using stack or | |
| | efficient | recursive function. | |
| | | | |
| 5> | Less complex than | structure is complex | |
| | Threaded binary | | |
| | Tree | | |
| | | , ar real real | |
| | | | |
| | Algorithm | | |
| | · pastorder Algorithm. | | |
| | | | |
| | Step I - First, we traverse the left subelement | | |
| | re peatedly | | |
| | Class = How in the | second stage, we traverse | |
| | the right s | ub element repetedly | |
| , ,1 | Step 3 - visit the moot node. | | |
| | 3143 3 71611 7776 | | |
| | 07. (50) | | |
| | 6χ. (20) | $\overline{(12)}$ | |
| | (17) | (12) | |
| | | | |
| | (12) (25) | (54) (76) | |
| | | | |
| | (9) (14) | (67) | |
| | | | |

(S) (8)



L

9,14,12,19, 23,17,67,84,76,72, Postorder -50 · Thus, we have studied and conclusion implemented TBT and understood how inorder traversal faster without using make. stack and recursion.