

Python 3.11.5 (tags/v3.11.5:cce6ba9, Aug 24 2023, 14:38:34) [MSC v.1936 64 bit (AMD64)] on win32

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>>>

= RESTART: C:\Users\Aravind Kasper\Desktop\SLU-CS\Python-Lab\MP7_Script.py

Unsorted List: [31, 23, 71, 124, 33, 143, 40, 9, 112, 116]

Sorted List: [9 23 31 33 40 71 112 116 124 143]

BST Inorder Traversal: 9 23 31 33 40 71 112 116 124 143

	Found	Avg	Visits	Not Found	Avg	Visits
Unsorted List	48645	100.00		51355	100.00	
Sorted List	48836	49.15		51164	42.56	
Binary Search Tree	48634	6.78		51366	8.23	

>>>

==== RESTART: C:\Users\Aravind Kasper\Desktop\SLU-CS\Python-Lab\MP7_Script.py ===

Unsorted List: [137, 138, 70, 54, 127, 125, 103, 73, 10, 121]

Sorted List: [10 54 70 73 103 121 125 127 137 138]

BST Inorder Traversal: 10 54 70 73 103 121 125 127 137 138

	Found	Avg	Visits	Not Found	Avg	Visits
Unsorted List	46826	100.00		53174	100.00	
Sorted List	46709	46.98		53291	55.68	
Binary Search Tree	46721	7.83		53279	8.81	

>>>

==== RESTART: C:\Users\Aravind Kasper\Desktop\SLU-CS\Python-Lab\MP7_Script.py ===

Unsorted List: [13, 149, 141, 9, 77, 25, 134, 85, 60, 12]

Sorted List: [9 12 13 25 60 77 85 134 141 149]

BST Inorder Traversal: 9 12 13 25 60 77 85 134 141 149

	Found	Avg	Visits	Not Found	Avg	Visits
Unsorted List	47955	100.00		52045	100.00	
Sorted List	48014	52.90		51986	56.96	
Binary Search Tree	48013	6.99		51987	8.23	