PRACTICAL EXAMINATION 2020-21

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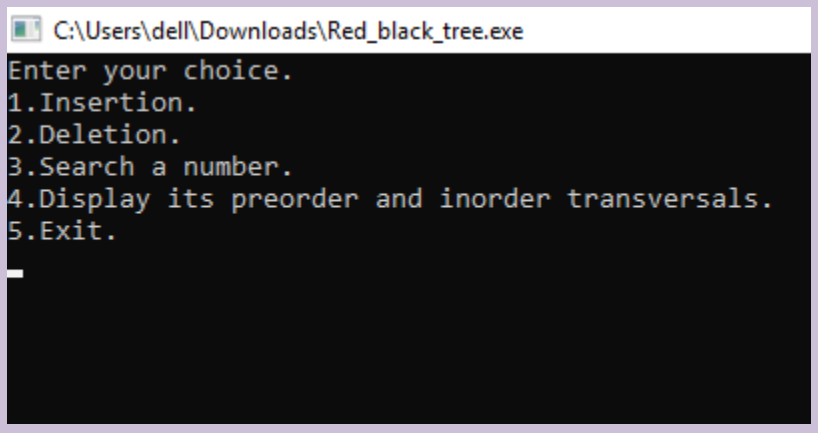
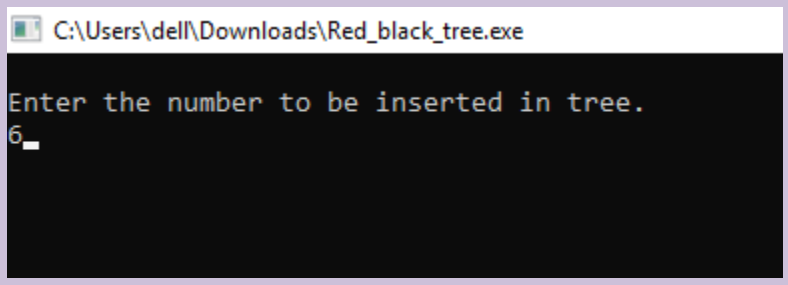
Bsc(H)cs

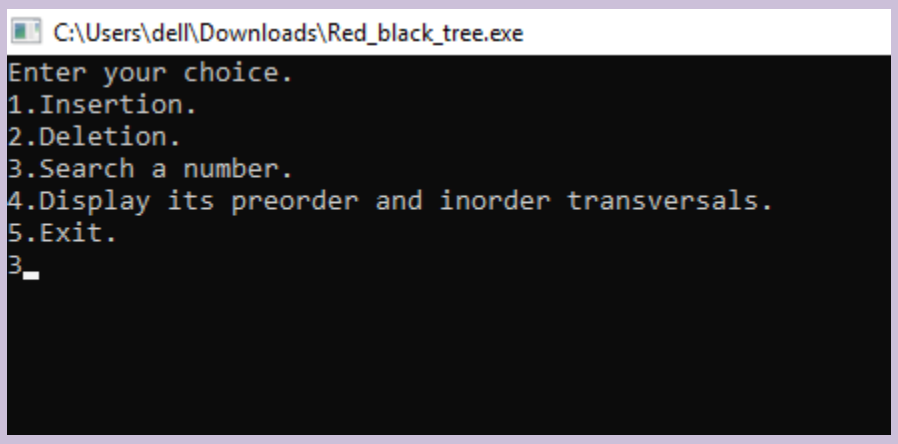
2019/1420

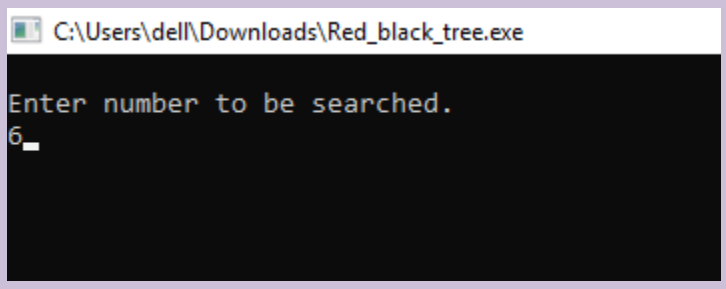
Design Analysis of algorithm

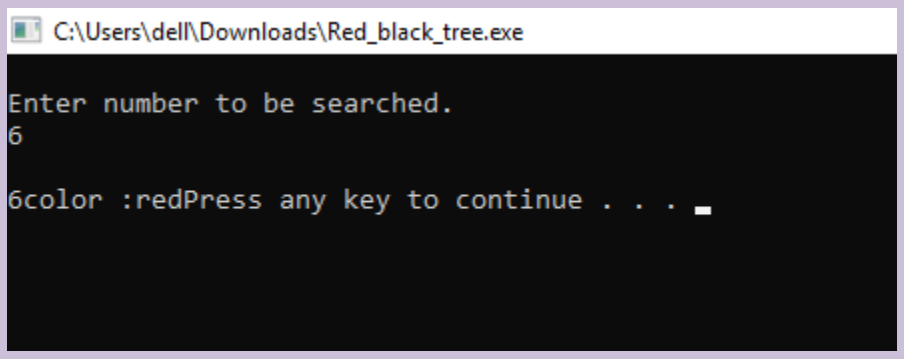
Question 1: output



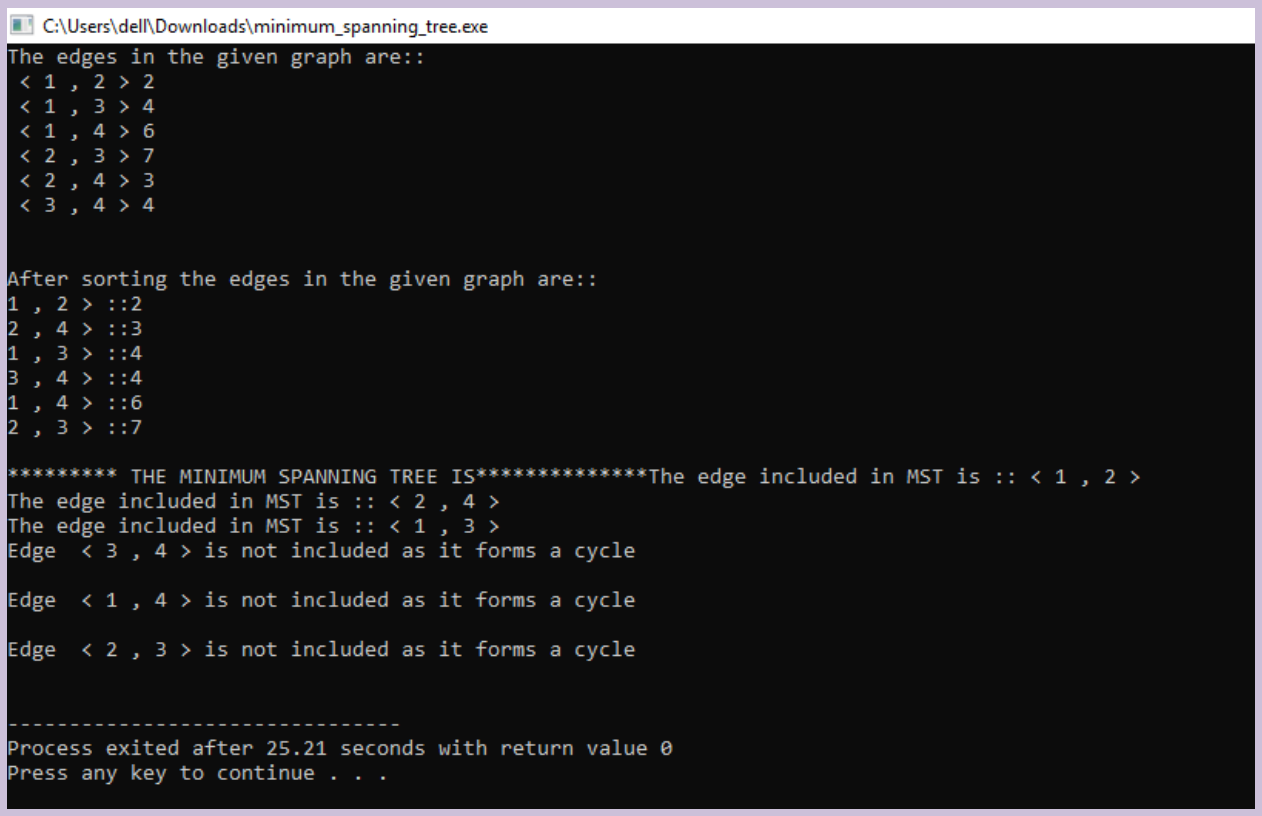




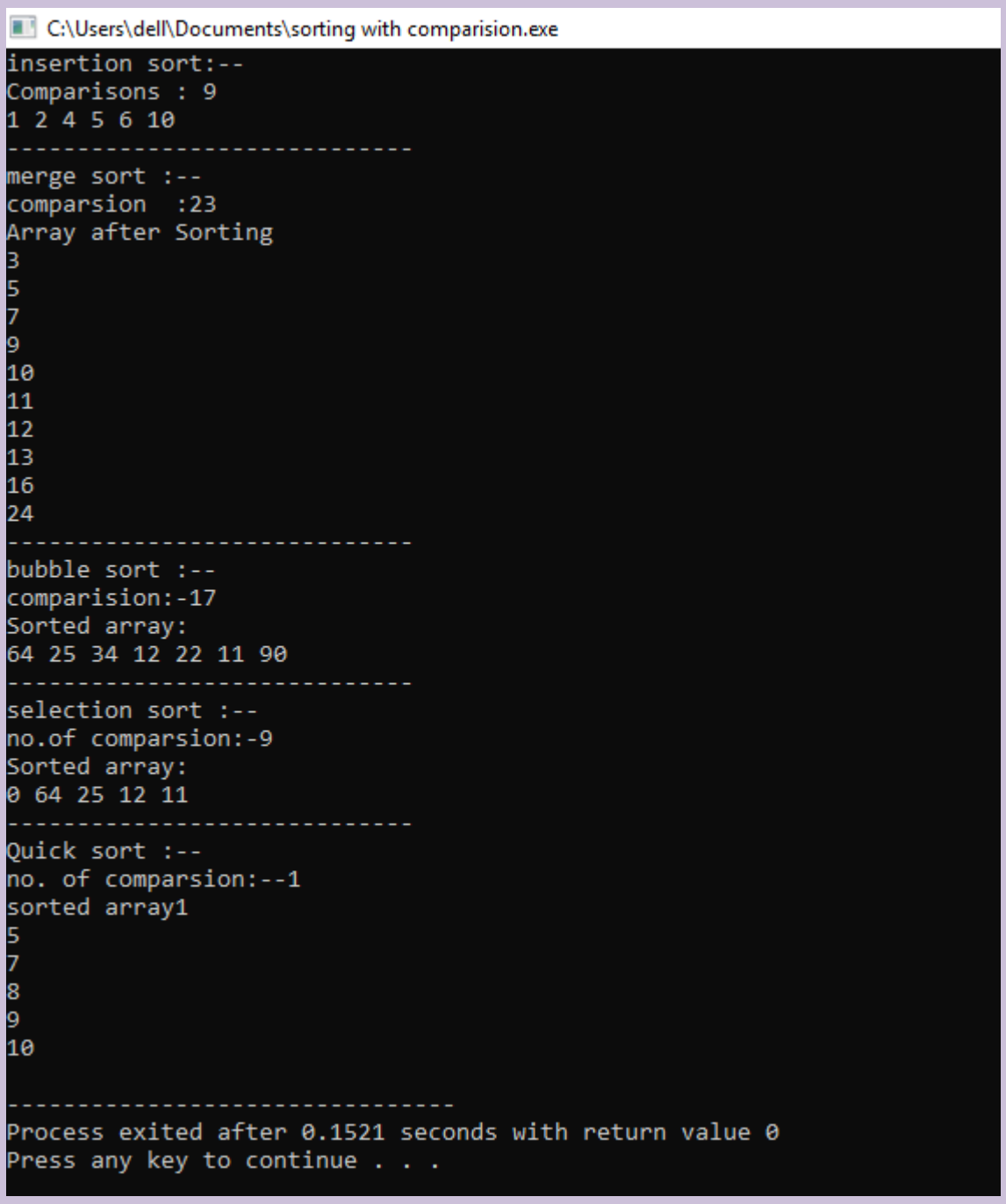




Question 2: output



Question 3: output


C:\Users\dell\Documents\sorting with comparision.exe
insertion sort:--
Comparisons : 9
1 2 4 5 6 10
---
merge sort :--
comparsion :23
Array after Sorting
3
5
7
9
10
11
12
13
16
24
---
bubble sort :--
comparision:-17
Sorted array:
64 25 34 12 22 11 90
---
selection sort :--
no.of comparsion:-9
Sorted array:
0 64 25 12 11

Quick sort :--
no. of comparsion:--1
sorted array1
5
7
8
9
10

Process exited after 0.1521 seconds with return value 0
Press any key to continue . . .