Data Structures



ASSIGNMENT # 02

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Q1:

```
pyrot@pyrot-samsung:~/Music/Lab DataStrucuter/Asssss
 Write a message Hello i am first
 Write priority 1
 Write a date 2
 Write a message Hello i am Qasim ali
 Write priority -1
 Write a date 2
 Hello i am first
 pyrot@pyrot-samsung:~/Music/Lab DataStrucuter/Asssss
 Write a message hi guys
 Write priority 2
 Write a date 4
 Write a message new i am here
 Write priority 1
 Write a date 2
 hi guys
opyrot@pyrot-samsung:~/Music/Lab DataStrucuter/Asssss
```

```
    pyrot@pyrot-samsung:~/Music/Lab DataStrucuter/Assss Assessment#02"
    pyrot@pyrot-samsung:~/Music/Lab DataStrucuter/Assss Write a message i am qasim ali Write priority 0 Write a date 2 Write a message hello this is assessment 2 Write priority 1 Write a date 2 i am qasim ali
    pyrot@pyrot-samsung:~/Music/Lab DataStrucuter/Assss
```

Q2:

```
pyrot@pyrot-samsung:~/Music/Lab DataStrucuter/Assss
Assessment#02"
pyrot@pyrot-samsung:~/Music/Lab DataStrucuter/Assss
3 -> 4 -> 5 -> 7 -> 10 -> 20 ->
Searching node of 10::found
Ancester of 20 is:: 10 -> 7 -> 5 ->
Ancestor of 3 is:: 4 -> 5 -> pyrot@pyrot-samsung:~/
```

Q3: