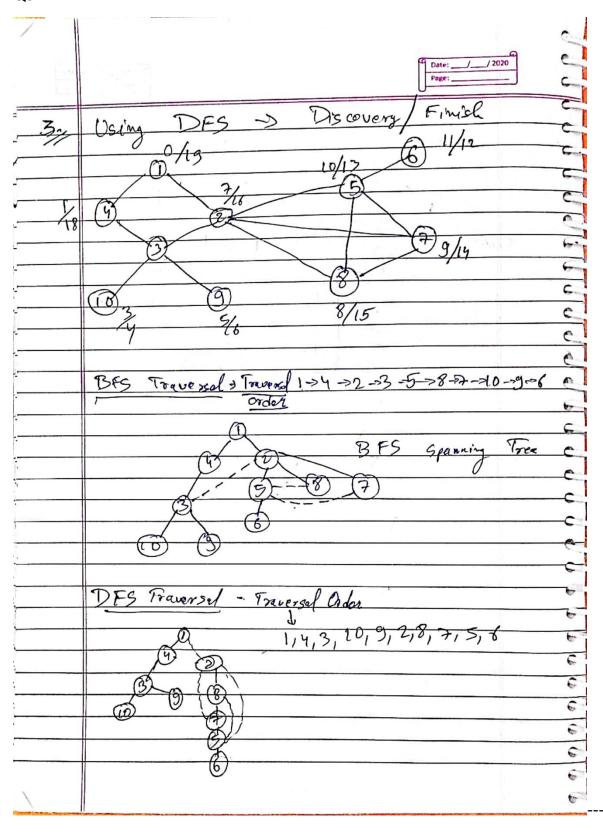
2K20/CO/072 Ankit Kumar

```
Q1.
```

```
int maxElement(struct Queue *Q) {
    int max = dequeue(Q);
    int temp = max;
   while (size(Q) > 0) {
        temp = dequeue(Q);
        if (temp > max)
            max = temp;
    }
    enqueue(Q, temp);
    return max;
}
Q2.
void mirrorTree(struct TreeNode *root)
{
    if(root == NULL)
        return;
   mirrorTree(root->left);
   mirrorTree(root->right);
    struct TreeNode *temp = root->left;
    root->left = root->right;
    root->right = temp;
}
```

3rd on next page



```
Q4.

IsTree():

mark u as visited;

for all vertex v which are adjacent with u:

if v is visited:

if isCycle(v, visited, u) return true

else if v ≠ parent return true;

done

return false
```