Question 1

Using your implemented BST class in previous lab, you have to implement the following member functions for your binary search tree:

a. A recursive "deleteRec" function which is passed as parameter a value. It then uses **recursion** to delete the corresponding node while considering the deletion rules.

```
bool deleteRec(v const value)
```

b. A function "delete" which is passed as parameter a corresponding value. It then **iteratively** delete the node while considering the deletion rules.

```
bool delete(v const value)
```

Question 2

Implement an **array based BST**, you have to implement the following member functions for your "**arrBST**" class.

- A Constructor
- `void insert-Element(int value)`
- `void search-Element(int value)`
- `void in-Order(int currentIndex)`
- `void pre-Order(int currentIndex)`
- `void post-Order(int currentIndex)`