Group B-13:--- Kaustubh Shrikant Kabra SE COMP-1 20

Program:-

```
left=0
            left=mid1+1
def Recursive Ternary(arr,ele,left,right):
        if(ele<arr[mid1]):</pre>
def accept():
```

```
def display(A):
               temp=A[i]
A=arr.array('I',[])
        display(sort A)
```

```
break
else:
   print("Wrong choice")
   break
```

OUTPUT:-

1	۱Δ	CCE	≥nt	roll	num	her
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- 2)Print roll number
- 3)sort roll numbers
- 4)Non-recursive Ternary Search
- 5)Recursive Ternary Search
- 6)Exit

Enter your choice: 1

Enter number of students: 7

Enter roll number: 16

Enter roll number: 17

Enter roll number: 18

Enter roll number: 20

Enter roll number: 25

Enter roll number: 78

Enter roll number: 69

- 1)Accept roll number
- 2)Print roll number
- 3)sort roll numbers

4)Non-recursive Ternary Search												
5)Recursive Ternary Search												
6)Exit												
Enter your choice: 2												
	16	17	18	20	25	78	69					
1)Accept roll number												
2)Print roll number												
3)sort roll numbers												
4)Non-recursive Ternary Search												
5)Recursive Ternary Search												
6)Exit												
Enter your choice: 3												
The sorted roll numbers are:												
	16	17	18	20	25	69	78					
1)Accept roll number												
2)Print roll number												
3)sort roll numbers												
4)Non-recursive Ternary Search												
5)Recursive Ternary Search												
6)Exit												
Enter your choice: 4												

Enter roll number to be searched: 20 The roll number 20 is present at index 3 1)Accept roll number 2)Print roll number 3)sort roll numbers 4)Non-recursive Ternary Search 5)Recursive Ternary Search 6)Exit Enter your choice: 5 Enter roll number to be searched: 20 The roll number 20 is present at index 3 1)Accept roll number 2)Print roll number 3)sort roll numbers 4)Non-recursive Ternary Search 5)Recursive Ternary Search 6)Exit Enter your choice: 6

Thank you