```
1.linear search
2.Binary search
enter the size of the array
15
the elements in the array are
3
enter the element to be searched
Element found at index : 1
time taken is 0.016775
```

...Program finished with exit code 0
Press ENTER to exit console.

Enter the Number of Elements: 5

The elements are: 9383 886 2777 6915 7793

Time taken to sort 5 numbers is 0.162957 Secs
The Sorted array in ascending order: 886 2777 6915 7793 9383

...Program finished with exit code 0
Press ENTER to exit console.

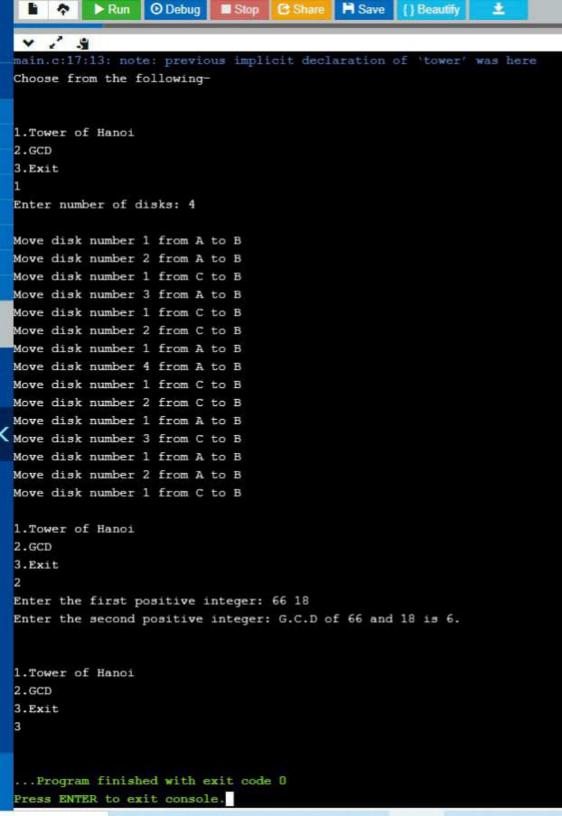
mput main.c:13:18: warning: implicit declaration of function 'rand' [-Wimplicit-function-declaration] Enter number of elements The elements are: 9383 886 2777 6915 7793 Time taken to sort 5 numbers is 0.167837 SecsSorted list in ascending order: 886 2777 6915 7793 9383

... Program finished with exit code 0

Press ENTER to exit console.

```
1.linear search
2.Binary search
1
enter the size of the array
6
the elements in the array are
84
87
78
16
94
36
enter the element to be searched
16
Element found at pos 4
time taken is 0.017600
```

...Program finished with exit code 0 Press ENTER to exit console.



input