"C:\Users\jairj\Documents\Fall21\Data Structures\Week 3
\assignment_1\cmake-build-debug\testFour.exe"
Assignment One Test Four
number of values in the array:
30

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 10
5 : change value in array
6 : get value in array
0 : to end program
3
the min value in the array is: 41

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 10
5 : change value in array
6 : get value in array
0 : to end program
2
the max value in the array is: 995

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 10
5 : change value in array
6 : get value in array
0 : to end program
5
change value at index:
4
new value:
10

value changed at => index: 4 to 10

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 10
5 : change value in array
6 : get value in array
0 : to end program
4
amount of numbers with value as ten is: 1

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 10
5 : change value in array
6 : get value in array
0 : to end program
1
[index :0 |value :41]
[index :1 |value :467]
[index :2 |value :334]
[index :3 |value :500]
[index :4 |value :10]
[index :5 |value :724]
[index :6 |value :478]
[index :7 |value :358]
[index :8 |value :962]
[index :9 |value :464]
[index :10 |value :705]
[index :11 |value :145]
[index :12 |value :281]
[index :13 |value :827]
[index :14 |value :961]
[index :15 |value :491]
[index :16 |value :995]
[index :17 |value :942]

```
[index :18 |value :827]
[index :19 |value :436]
[index :20 |value :391]
[index :21 |value :604]
[index :22 |value :902]
[index :23 |value :153]
[index :24 |value :292]
[index :25 |value :382]
[index :26 |value :421]
[index :27 |value :716]
[index :28 |value :718]
[index :29 |value :895]

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 10
5 : change value in array
6 : get value in array
0 : to end program
0

Process finished with exit code 0
```

"C:\Users\jairj\Documents\Fall21\Data Structures\Week 3
\assignment_1\cmake-build-debug\testThree.exe"
Assignment One Test Three
the array:
[index :0 |value :41]
[index :1 |value :467]
[index :2 |value :334]
[index :3 |value :500]
[index :4 |value :169]
[index :5 |value :724]
[index :6 |value :478]
[index :7 |value :358]
[index :8 |value :962]
[index :9 |value :464]
the max value in the array is: 962
the min value in the array is: 41
amount of numbers with value as ten is: 0

values changed for =>
index:5 value:10
index:9 value:10
index:4 value:777
now the updated amount of numbers with value as ten is
: 2
get the value at index 7: 358
the array:
[index :0 |value :41]
[index :1 |value :467]
[index :2 |value :334]
[index :3 |value :500]
[index :4 |value :777]
[index :5 |value :10]
[index :6 |value :478]
[index :7 |value :358]
[index :8 |value :962]
[index :9 |value :10]

Process finished with exit code 0

"C:\Users\jairj\Documents\Fall21\Data Structures\Week 3
\assignment_1\cmake-build-debug\testTwo.exe"
Assignment One Test Two
number of values in the array:
10

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
1
[index :0 |value :41]
[index :1 |value :467]
[index :2 |value :334]
[index :3 |value :500]
[index :4 |value :169]
[index :5 |value :724]
[index :6 |value :478]
[index :7 |value :358]
[index :8 |value :962]
[index :9 |value :464]

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
2
the max value in the array is: 962

please choose an option
1 : show array
2 : max value
3 : min value

```
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
3
the min value in the array is: 41

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
4
amount of numbers with value as zero is: 0


please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
5
change value at index:
8
new value:
0
value changed at => index: 8 to 0

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
```

```
0 : to end program
5
change value at index:
4
new value:
0
value changed at => index: 4 to 0

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
4
amount of numbers with value as zero is: 2


please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
6
get value at index:
5
value: 724

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
```

```
1
[index :0 |value :41]
[index :1 |value :467]
[index :2 |value :334]
[index :3 |value :500]
[index :4 |value :0]
[index :5 |value :724]
[index :6 |value :478]
[index :7 |value :358]
[index :8 |value :0]
[index :9 |value :464]

please choose an option
1 : show array
2 : max value
3 : min value
4 : with value equal to 0
5 : change value in array
6 : get value in array
0 : to end program
0

Process finished with exit code 0
```

```
"C:\Users\jairj\Documents\Fall21\Data Structures\Week 3
\assignment_1\cmake-build-debug\testOne.exe"
Assignment One Test One
the array:
[index :0 |value :41]
[index :1 |value :467]
[index :2 |value :334]
[index :3 |value :500]
[index :4 |value :169]
[index :5 |value :724]
[index :6 |value :478]
[index :7 |value :358]
[index :8 |value :962]
[index :9 |value :464]
the max value in the array is: 962
the min value in the array is: 41
amount of numbers with value as zero is: 0

values changed for =>
index:5 value:0
index:9 value:0
index:4 value:777
now the updated amount of numbers with value as zero is
: 2
get the value at index 7: 358
the array:
[index :0 |value :41]
[index :1 |value :467]
[index :2 |value :334]
[index :3 |value :500]
[index :4 |value :777]
[index :5 |value :0]
[index :6 |value :478]
[index :7 |value :358]
[index :8 |value :962]
[index :9 |value :0]

Process finished with exit code 0
```