

# Outputs

## Assignment 6

NAME	:	ARNAB CHAKRABORTY
STREAM	:	CSE
SECTION	:	A
UNIVERSITY ROLL NO.	:	13000120040

06\_01:

```
"F:\Techno Main\2013001028_CSE_A_1styr_2020\Lab\2nd Sem\CS\Lab 4 - 19th May 2021\06_01. Unsorted_insert.exe"
Enter number of elements to be added in the array(Max limit = 100) : 10
Enter 10 integers in the array :
8
3
6
9
2
10
75
3
9
4
Enter the number to be inserted : 45
Enter the position where the number is to be inserted(1 to 11) : 8
The initial array is :
8 3 6 9 2 10 75 3 9 4
The updated array is :
8 3 6 9 2 10 75 45 3 9 4

Process returned 0 (0x0)   execution time : 34.880 s
Press any key to continue.
```

06\_02:

```
"F:\Techno Main\2013001028_CSE_A_1styr_2020\Lab\2nd Sem\CS\Lab 4 - 19th May 2021\06_02. Unsorted_search.exe"
Enter number of elements to be added in the array(Max limit = 100) : 8
Enter 8 integers in the array :
7
4
6
2
9
6
45
76
Enter the number to be searched : 9
The value 9 is present at position 5 in the array.
Process returned 0 (0x0)   execution time : 21.723 s
Press any key to continue.
```

06\_03:

```
"F:\Techno Main\2013001028_CSE_A_1styr_2020\Lab\2nd Sem\CS\Lab 4 - 19th May 2021\06_03. Unsorted_delete.exe"
Enter number of elements to be added in the array(Max limit = 100) : 8
Enter 8 integers in the array :
7
4
98
63
76
23
89
66
Enter the number to be deleted : 23
The initial array is :
7 4 98 63 76 23 89 66
The array after adding the element is :
7 4 98 63 76 89 66
Enter another number to add at the end of the array : 105
The array after adding the element is :
7 4 98 63 76 89 66 105

Process returned 0 (0x0)   execution time : 34.512 s
Press any key to continue.
```

06\_04:

```
"F:\Techno Main\2013001028_CSE_A_1styr_2020\Lab\2nd Sem\CS\Lab 4 - 19th May 2021\06_04. Sort.exe"
Enter number of elements to be added in the array(Max limit = 100) : 10
Enter 10 integers in the array :
76
23
99
54
12
77
43
89
34
26

Enter your choice of sorting technique :
1 for Selection Sort
2 for Bubble Sort
Enter your choice : 2
The initial array is :
76 23 99 54 12 77 43 89 34 26
The updated array is :
12 23 26 34 43 54 76 77 89 99

Process returned 0 (0x0)   execution time : 29.771 s
Press any key to continue.
```

06\_05:

"F:\Techno Main\2013001028\_CSE\_A\_1styr\_2020\Lab\2nd Sem\CS\Lab 4 - 19th May 2021\06\_05. Sorted\_insert.exe"

```
Enter number of elements to be added in the array(Max limit = 100) : 6
Enter 6 integers in the array :
67
34
78
12
5
49
The initial array is :
67 34 78 12 5 49
The array after sorting is :
5 12 34 49 67 78

Enter the value you want to enter in sorted array: 98
The updated array is :
5 12 34 49 67 78 98

Process returned 0 (0x0)    execution time : 23.657 s
Press any key to continue.
```

06\_06:

"F:\Techno Main\2013001028\_CSE\_A\_1styr\_2020\Lab\2nd Sem\CS\Lab 4 - 19th May 2021\06\_06. Sorted\_delete.exe"

```
Enter number of elements to be added in the array(Max limit = 100) : 8
Enter 8 integers in the array :
67
22
-7
43
-34
98
67
55
The initial array is :
67 22 -7 43 -34 98 67 55
The array after sorting is :
-34 -7 22 43 55 67 67 98

Enter the value you want to delete in sorted array : 43
The updated array is :
-34 -7 22 55 67 67 98

Process returned 0 (0x0)    execution time : 30.883 s
Press any key to continue.
```

06\_07:

Select "F:\Techno Main\2013001028\_CSE\_A\_1styr\_2020\Lab\2nd Sem\CS\Lab 4 - 19th May 2021\06\_07. Sorted\_search.exe"

Enter number of elements to be added in the array(Max limit = 100) : 7  
Enter 7 integers in the array :

45  
98  
23  
64  
89  
21  
104

The initial array is :

45 98 23 64 89 21 104

The array after sorting is :

21 23 45 64 89 98 104

Enter the value you want to search : 44

The value 44 is not present in the array!!!

Process returned 0 (0x0) execution time : 29.196 s

Press any key to continue.

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