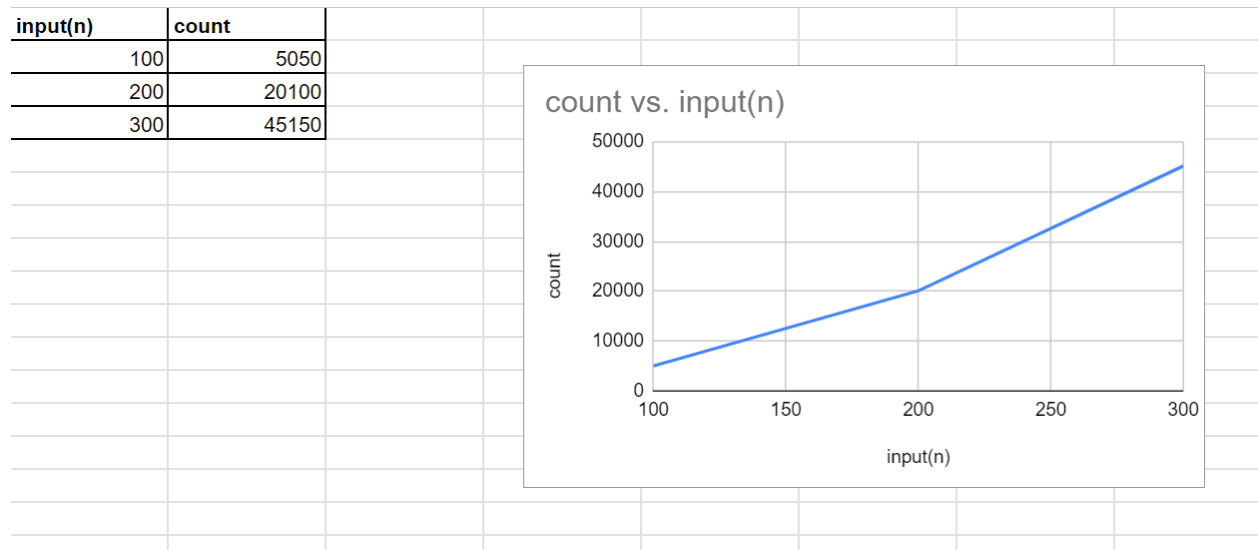


## Selection Sort

```
enter the number of elements
5
enter the elements
1 8 6 2 9
selection sort
sorted array is 1 2 6 8 9
```



## Bubble Sort

```
enter the number of elements
6
enter the elements
9 3 6 2 5 1
bubble sort
sorted array is 1 2 3 5 6 9
```

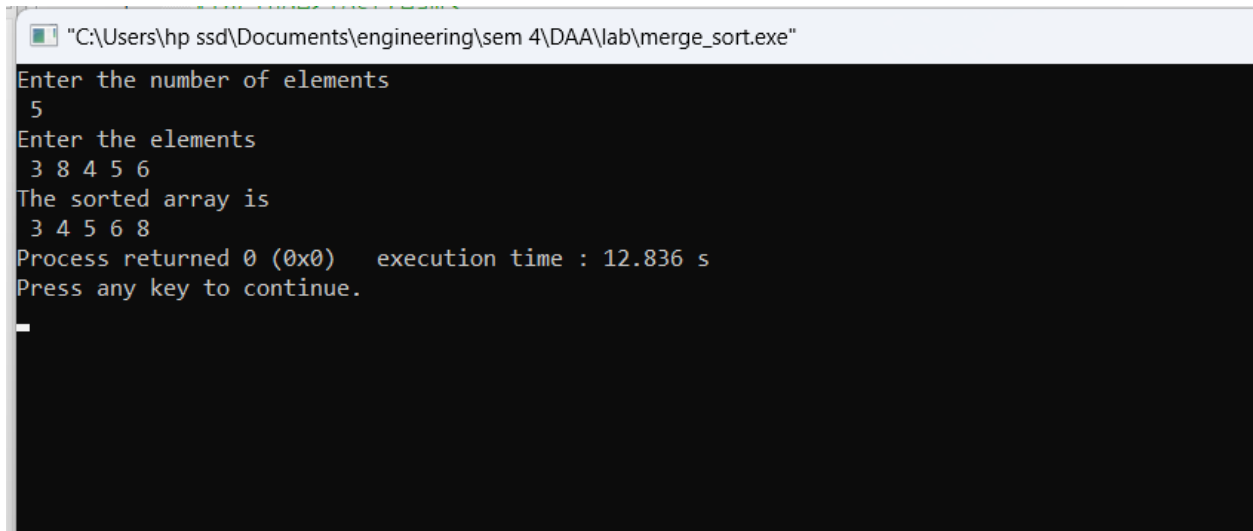
A	B	C	D	E	F	G	H	I
input(n)	count							
5	10							
6	15							
8	28							

count vs. input(n)

input(n)	count
5	10
6	15
8	28

## Merge Sort



```
"C:\Users\hp ssd\Documents\engineering\sem 4\DAA\lab\merge_sort.exe"
Enter the number of elements
5
Enter the elements
3 8 4 5 6
The sorted array is
3 4 5 6 8
Process returned 0 (0x0)   execution time : 12.836 s
Press any key to continue.
-
```

## Quick Sort

```
Enter the number of elements
6
Enter the elements
7 2 9 1 6 4
The sorted array is
1 2 4 6 7 9
Process returned 0 (0x0)   execution time : 11.196 s
Press any key to continue.
```