# Assignment Day 5 | 29th December 2020

## Question 1

1. Write the function for insertion sort.

Sol:

```c
void insertionSort(int array[], int n)
{
    int i, element, j;
    for (i = 1; i < n; i++) { element = array[i]; j =
i - 1; /* Move elements of arr[0..i-1], that are
greater than key by one position */ while (j >= 0 &&
array[j] > element) {
            array[j + 1] = array[j];
            j = j - 1;
        }
        array[j + 1] = element;
    }
}
```