

Assignment Day 5

Q. Write the function for insertion sort.

Soln:

```
void Insert - sort (int A[], int n)
{
    int i, j, temp;
    for (i = 1; i <= n-1; i++) {
        temp = A[i];
        j = i - 1;
        while ((j >= 0) && (A[j] > temp)) {
            A[j+1] = A[j];
            j = j - 1;
        }
        A[j+1] = temp;
    }
    printf("The sorted list of elements");
    for (i = 0; i < n; i++)
        printf("%d", A[i]);
}
```