

## **EXPERIMENT NO.**

### **SORTING AN ARRAY FOR 8086**

**AIM:** Write and execute an ALP to 8086 processor to sort the given 16-bit numbers in Ascending and Descending order.

**TOOLS:** PC installed with TASM

## **ALGORITHM:**

**Step I:** Initialize the data segment memory.

**Step II :** Initialize the number of elements counter

**Step III :** Initialize the comparisons counter.,

**Step IV:** Load the numbers into respective registers

# 8086 Programs Lab Manual On Sort Array

**Xiang Xie**

## 8086 Programs Lab Manual On Sort Array:

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