### **Lab Assignment-3**

## **Aim**

To write an assembly language programming using 8086 instruction set to find the sum of odd and even numbers in the array.

### **Algorithm**

Input – number of array elements (count).  
Enter the elements to be summed in the array.

Process 🡪 Compare the odd and even numbers.  
Conclusion 🡪 By the above process, we can find the sum of odd and even numbers in the array.

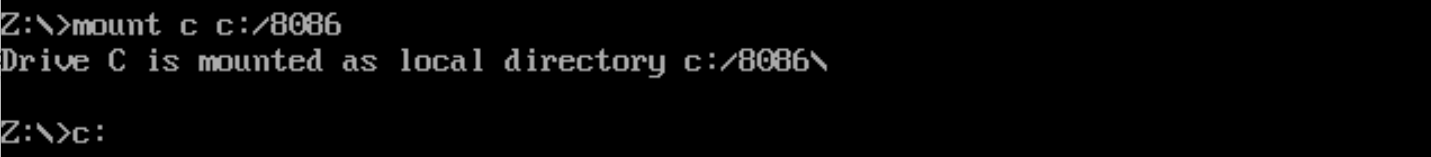
## **Team Members**

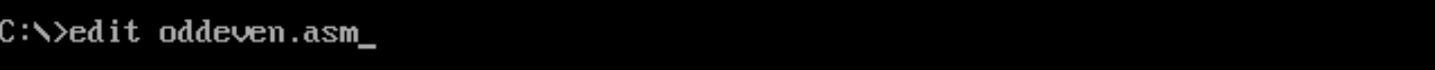
Mothishwaran.C (19MID0017)  
Prashanth.S (19MID0020)  
Saksham Verma (19MID0023)  
Tharun.S (19MID0031)  
Sabarinathan R.V(19MID0057)

### **Program**

A picture containing text

Description automatically generated

**Mounting the drive**

**Writing the code**  


Text

Description automatically generated with medium confidenceShape

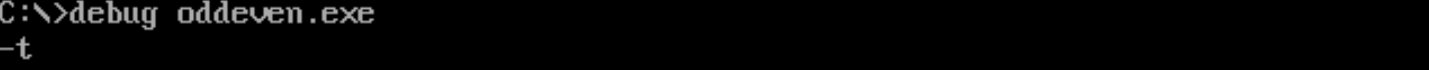
Description automatically generated

**Compiling the Code**  
Text

Description automatically generated

**Linking the object Code**Text

Description automatically generated

**Debugging the .exe file**

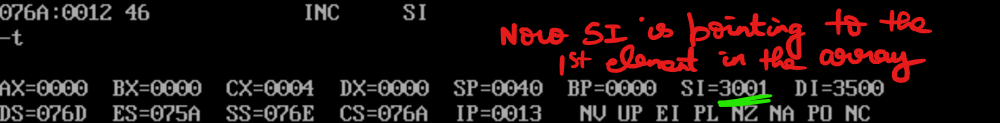
**Execution of Start segment**  
Text

Description automatically generated  
A screen shot of a computer

Description automatically generated with low confidence

**Entering and Verifying the entered data**Calendar

Description automatically generated

**Executing the remaining start segment**

**Execution of eve segment**  
  
A screenshot of a computer

Description automatically generated with low confidence  
Text

Description automatically generated  
Text

Description automatically generated  
Graphical user interface, text

Description automatically generated  
Graphical user interface, text

Description automatically generatedText

Description automatically generated  
Graphical user interface, text, application

Description automatically generated



A screen shot of a computer

Description automatically generated with low confidence  
A screen shot of a computer

Description automatically generated with low confidence

Diagram

Description automatically generated

### **Video Link**

[MPU LA 3 - YouTube](https://www.youtube.com/watch?v=77qG4i-iWmc)