

## COA Lab

**Name – Mohit Jaiswal**

**Class – A**

**Batch – A3**

**Roll No. – 57**

**PRN No. - 202101040048**

**Practical 3** - Write a menu-driven ALP for multiplying two 64-bit numbers using Successive Addition and Shift and Add Method.

## Output:

```
Activities Terminal Apr 19 7:26 PM
mohitjaiswal28@mohit-ubuntu: ~/M J/COA/Assignment 3
mohitjaiswal28@mohit-ubuntu:~/M J/COA/Assignment 3$ nasm -f elf64 57_MPJ_COA_Assign_3.asm
mohitjaiswal28@mohit-ubuntu:~/M J/COA/Assignment 3$ ld -o 57_MPJ_COA_Assign_3 57_MPJ_COA_Assign_3.o
mohitjaiswal28@mohit-ubuntu:~/M J/COA/Assignment 3$ ./57_MPJ_COA_Assign_3

Enter 2 numbers to multiply
2
3

1.Successive Addition method
2.Shift addition method
3.Exit
Please Enter your choice:
1
The Multiplication is:
0000000000000006

1.Successive Addition method
2.Shift addition method
3.Exit
Please Enter your choice:
2
The Multiplication is:
00000000000000000000000000000006

1.Successive Addition method
2.Shift addition method
3.Exit
Please Enter your choice:
3
mohitjaiswal28@mohit-ubuntu:~/M J/COA/Assignment 3$
```