

COA Lab

Name – Mohit Jaiswal

Class – A

Batch – A3

Roll No. – 57

PRN No. - 202101040048

Assignment 4 - Write a menu driven ALP for string operations.

Ouput:

```
mohitjaiswal28@mohit-ubuntu: ~/M J/COA/Assignment 4
7. Substring Occurence
8. Exit
Enter your Choice :
5
Enter 2nd String :
Jaiswal
Strings are not Equal !!

***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
6
String is not Palindrome

***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
7
Enter 2nd String :
hit
Substring is Present

***** MENU *****
1. String Length
2. String Copy
```

```
mohitjaiswal28@mohit-ubuntu: ~/M J/COA/Assignment 4
mohitjaiswal28@mohit-ubuntu:~/M J/COA/Assignment 4$ nasm -f elf64 57_Assign_4.asm
mohitjaiswal28@mohit-ubuntu:~/M J/COA/Assignment 4$ ld -o 57_Assign_4 57_Assign_4.o
mohitjaiswal28@mohit-ubuntu:~/M J/COA/Assignment 4$ ./57_Assign_4

Enter 1st String :
Mohit

***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
1
Length is :
0000000000000005
***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
2
Copied string is :
Mohit
***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
```

```

mohitjaiswal28@mohit-ubuntu: ~/M J/COA/Assignment 4
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
6
String is not Palindrome

***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
7
Enter 2nd String :
hit
Substring is Present

***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
8
mohitjaiswal28@mohit-ubuntu: ~/M J/COA/Assignment 4$

```

```

mohitjaiswal28@mohit-ubuntu: ~/M J/COA/Assignment 4
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
3
Enter 2nd String :
Jaiswal
Concatenated string is :
MohitJaiswal

***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
4
Reversed string is :
tihoM

***** MENU *****
1. String Length
2. String Copy
3. String Concatination
4. String Reverse
5. String Compare
6. Check Palindrome
7. Substring Occurence
8. Exit
Enter your Choice :
5
Enter 2nd String :
Jaiswal
Strings are not Equal !!

```

