STRINGS_IMP:

countOcurrence:

```
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> gcc .\countOccurence.c
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
Enter a string: aman morghade
Enter a character to count: a
The character 'a' occurs 3 times in the string "aman morghade".
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string>
```

Decimal2Bin:

```
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
17
10001
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
123
1111011
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
10
1010
```

GreatestCoomonDivisor:

```
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> gcc .\gcd.c
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
6 12
6
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
98 15
1
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
126 12
6
```

LCM

```
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> gcc .\lcm.c
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
7 14
14
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
156 7
1092
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
5 14
70
```

LONGESTCOMMONSUBSEQUENCE:

```
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> gcc .\longestCommonSubsequence.c
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
Length: 3, Subseq: mno
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string>
```

DIGIT REVERSE

```
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> gcc .\digitReverse.c
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
 123
 321
PS C:\Users\Aman Morghade\OneDrive\Documents\DSA_CoEP\LabWork1\string> .\a.exe
 78945
 54987
```