

Name : Nebil Gokdemir

Email: nebil@solomon@csu.fullerton.edu

Three algorithm is in the algorithm.cpp file. I wrote function for each algorithm, so there are three function. All three algorithms are working well. Also, pseudocodes of these algorithms will be in pseudocodes.cpp file. Analyze of them will be in Analyze.txt file. Print of all algorithm will in down below

```
***** FIRST ALGORITHM PRINT *****

ddd encoded to 3d
helooooooooo encoded to hel8o
choosemeeky encoded to ch2osem2eky

***** SECOND ALGORITHM PRINT *****

hemetoaklandrialtofullertonmarcolongchinofresnovallejoclovissimithousand
clovis find 54 index
vallejo find 47 index
rialto find 12 index
marco find 27 index

***** THIRD ALGORITHM PRINT *****

-10 , -1 , 0 , 2 , 2 , 3 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 12 , 20 , 21 , 76 ,
81 , 121 , 150 ,

nebil@
nebil Project2 %
```