



STUDENT REPORT

DETAILS

Name

DODDAPUDI SAI KUMAR

Roll Number

20R01A6614

EXPERIMENT

Title

WEEK 1

Description

Implementation of cryptanalysis on caesar cipher

Procedure and Overvation:

Step1:Open cipher text in notepad

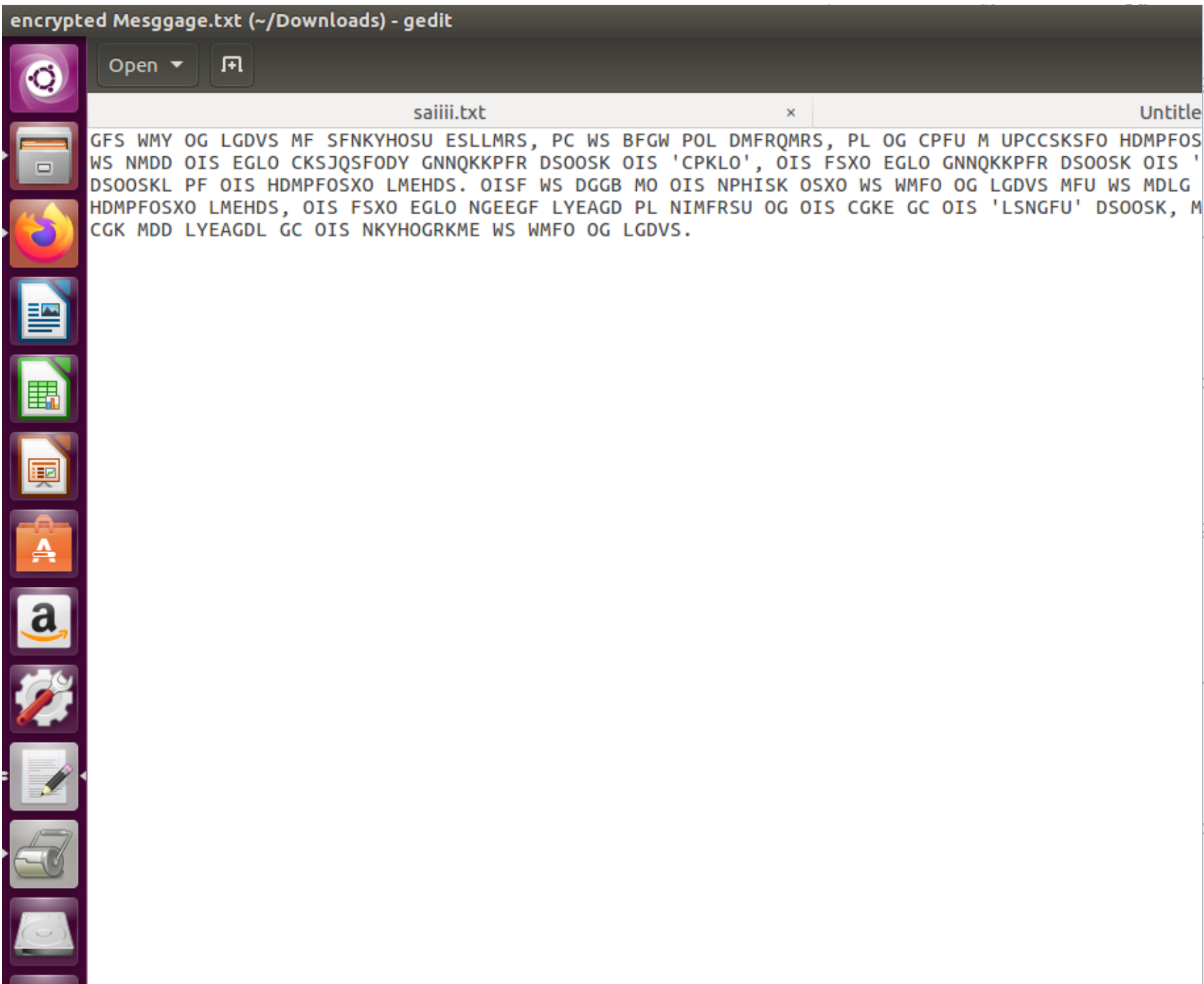
Step2:find the frequency of alphabets in the accessed cipher text

step3:make use of frequency chart for the alphabets.

step4:Based on the Highest frequency of alphabets in cipher text will be replaced with frequency chart for the alphabets.

step5:In notepad set an Option like Match case to replace the alphabets in the cipher text.

step6:after submitting each and every alphabets in the cipher text finally,we get plain text.

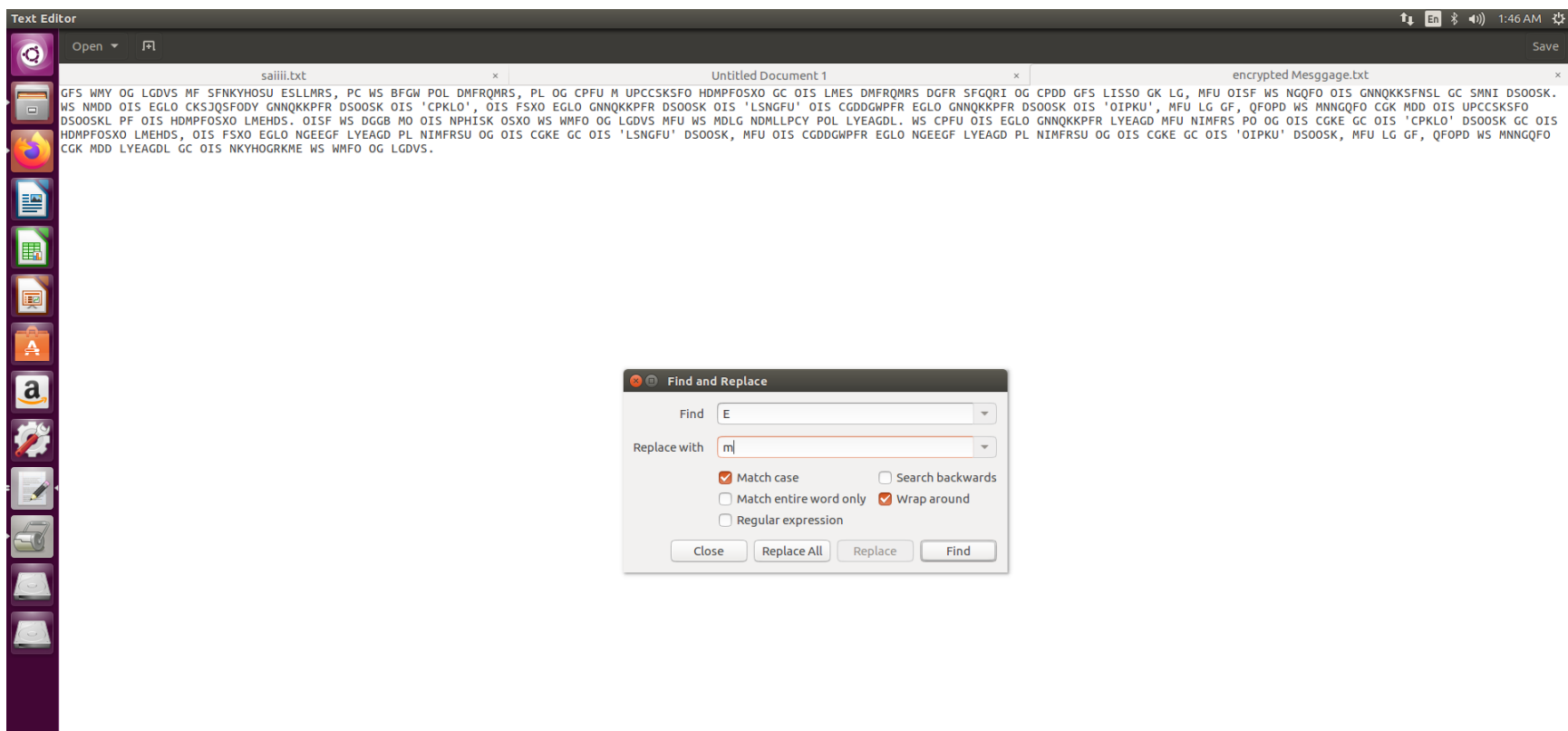


01A6614

20



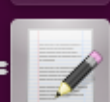
Loading file '/home/ubuntu/Downloads/encrypted Mesggaage.txt'...



planetext.txt (~/Downloads) - gedit



Open ▾



one way to solve an encrypted message, if we know its language, is to find a different plainte
we call the most frequently occurring letter the 'first', the next most occurring letter the '
letters in the plaintext sample. then we look at the cipher text we want to solve and we also
plaintext sample, the next most common symbol is changed to the form of the 'second' letter, a
for all symbols of the cryptogram we want to solve.

V

Q) -----is the science and art of transforming messages to make them secure and immune to attack.

Cryptography

Q) The _____ is the original message before transformation

Plaintext

Q) A Caesar cipher is an example of a

Substitution cipher

Q) The field of both cryptography and cryptanalysis is

Cryptology

Q) The ----- is the message after transformation

Ciphertext