<u>ASSIGNMENT II</u>

In the assignment II it was asked to us to create an application which will be able to take as a parameter a shift number and a Plain-text or a Cipher-text and to convert for the case the Plain-text was given to Cipher-text and in the case the Cipher-text was given to convert it on Plain-text according to the alphabet generate by the shift number.

To realise this application I have used PHP and to realise the graphic interfaces I have combine PHP with html. The application can be used in any web browser if it is combining with a web local server. In my case I have used WAMPSERVER. The applications that I have developed have three interfaces:

- The first one is able to take in one side the Shift number and the Plain-text for encryption and in the other side the Shift number and the Cipher-text for the decryption.

- The second interfaces is showing the result of the encryption

SHIFT CIPHER

THE RESULT OF YOUR REQUEST IS

The Cipher-text is :

GJOE UIF DJQIFS-UFYU

for another operation   click here

- The third interfaces is showing the result after decryption

SHIFT CIPHER

THE RESULT OF YOUR REQUEST IS

The Plain-text is :

find the cipher-text

for another operation   click here

You will find join with this document the different three pages codes of this application.

- Index.php : it is taking the information provides by the user : shift number, plain-text or cipher-text according to case and send them to the encryption.php.
- Encryption.php : it is doing the encryption or the decryption according to the received information and send the result to the reponse.php.
- Reponse.php : it is giving the result of the encryption or the decryption according to the case and it is giving also the possibility to go to index.php for another operation.