Group 8

Assembler

RSA Encryption Proposal

This program is going to be a encryption and decryption program, we are going to do RSA encryption , Cesar Cipher or Vignere. The results from these will need to be stored inside of an output, first the program will accept a string a characters/letters that will be encrypted and a string of letters that serve as the encryption key, I feel like trying to understand the encryptions will be the first step of developing this but then putting it into a program while using this new language may be a challenge. We want to make sure that that program has the ability to decrypt and encrypt . We looked through some class slides to understand how jumps work and mov a little bit more and also other conditions. As for the Vignere cipher, coding polyalphabetic ciphers will be redundant at times and may require a few double takes. RSA encryption we feel would be a little bit more challenging which we are up for, since it is widely used understanding it felt like something we could use down the road, learning how to implement the public key will also be a big challenge in this type of encryption. One implementation we are looking at doing is a menu option to choose decryption and encryption.