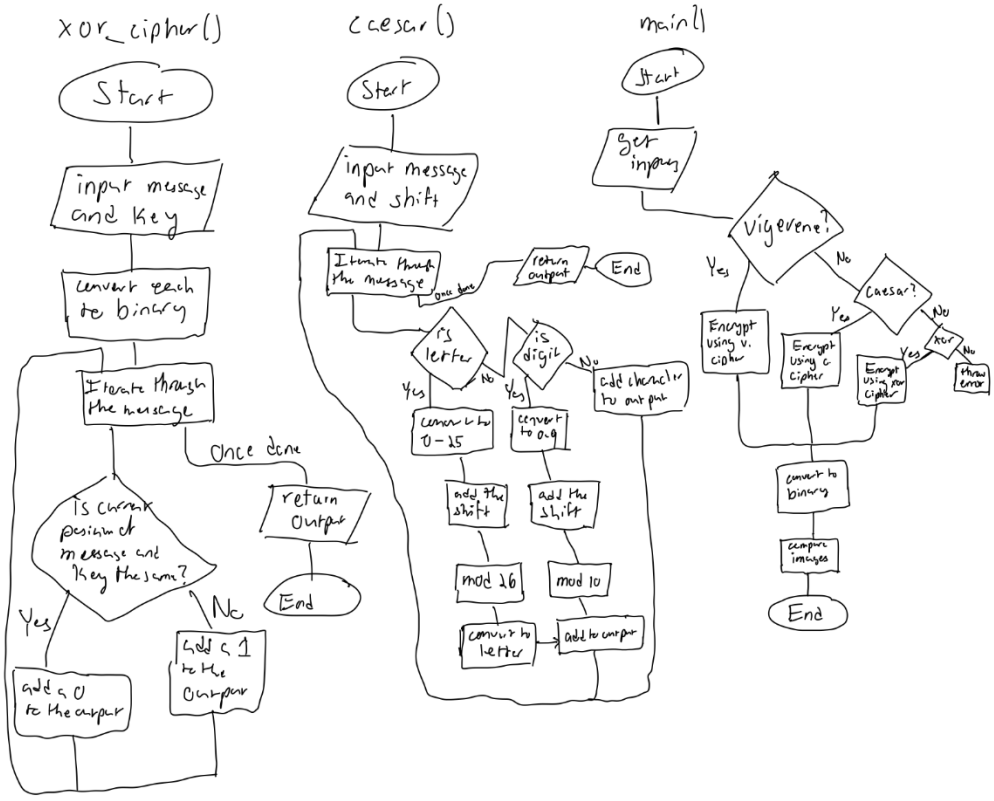
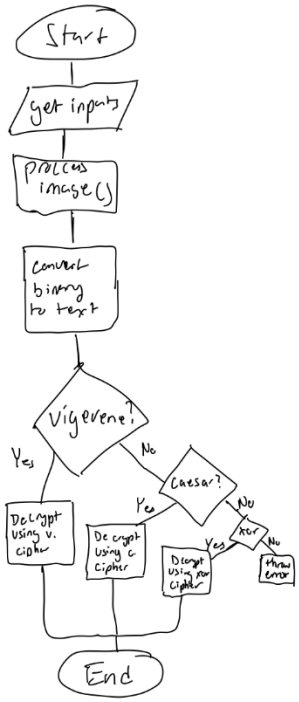
Demo task 1


xor_cipher()
Start
input message and key
convert each to binary
Iterate through the message
Once done
return output
End
Is current position of message and key the same?
Yes
No
add a 0 to the output
add a 1 to the output
caesar()
Start
input message and shift
Iterate through the message
once done
return output
End
is letter
Yes
No
is digit
Yes
No
add character to output
convert to 0-25
convert to 0-9
add the shift
add the shift
mod 26
mod 10
convert to letter
add to output
main()
Start
get inputs
Vigenere?
Yes
No
Caesar?
Yes
No
xor
Yes
No
throw error
Encrypt using v. cipher
Encrypt using c cipher
Encrypt using xor cipher
convert to binary
compare images
End

Demo task 2

main()