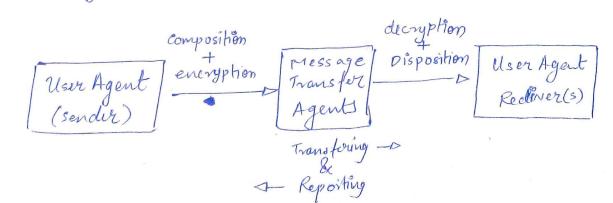
- Q1) write notes on file transfer protocol. (FTP)
- Q2) Write notes en Eletronic Mail.

A2) Eletronic Mail

- ~ Eletronic mail or email in short is an service that is provided by companies like Google, Microsoft, Proton etc.
- This service helps people to communicate through the elronic medium, which is considerably fast and relatively reliable.
- ~ With today's technology it is possible to set up one's own email server with the relovant protocols.
 - ~ The mailing system looks somewhat like this;



- The mail protocols that are used to transfer emails
 - (i) SMTP-Simple Mail Transfor Protocol

 ~ It by default uses the default

 non-encryted port.
 - ~ A daemon is a process that Ban run without a header and usually runs in the brakeround. ~ This is used to listen to the port 25.
 - (ii) POP3 Post Office Protocol v3 ~ The defent non energted port is 110.
 - (iii) IMAP Internet Message Acess Protocol.

 The default mon-energypect port is 143.
 - . The usor Agent are resual clients like Gmail, Thunderload, Mail Spring which can send recieved and store messages.
 - ~ The transfer agents are the network layer & datalink layer devices that ensures sewer transmission of the e-mails.

Al.> File Transfor Protocol (FT.P)

- n It is a standard metavork protocol resed to share digital files between client & server.
- FTP supports, text files, ascil characters, birary files.

- The FTP server runs on port 21.
 - or in wring data connection.
 - On the other hand in passive mode the client series a command to the sower to receive its port number (with IP). And then it uses this to open a data connection.
 - ~ FTP provides both verified (with username & password)
 and anonymous log in.
 - Due to bowing as stateful (or state sensitive) control over the FTP, it has trouble transfering transient objects.
 - This is over come by the HTTP protocol.