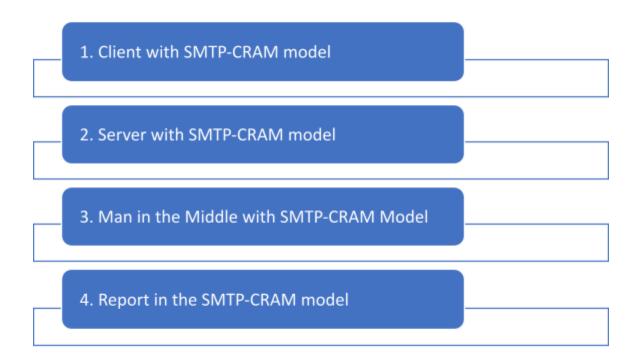
### **Modules of the Assignment**



## 1. Client with SMTP-CRAM model

Authenticate using CRAM-MD5 Send a 16-byte hexadecimal code to server Wait for server response to the authentication attempt

### 2. Server with SMTP-CRAM model

Request the client to solve a computational problem using Password

Wait for Client to respond

Pass or fail the authentication depending on the 16 byte hexadecimal code of the client

### 2. Man in the Middle Attack with SMTP-CRAM model

Access the client side password Eavesdrop on the mails exchanged between client and server

Stop service or send mail by yourself that client has not initiated

# 2. Report on SMTP-CRAM model

Gather information about the SMTP-CRAM model from internet

Cite some resources and articles if needed Write a complete and proper report on SMTP-CRAM model

#### Flow Chart:

