Design a simulation program for a 4 way Handshake process (AP and Client) With the inputs

- SSID
- Password
- Mac Address [Validate the format of the physical address] Should be in the format (8C:04:BA:14:5B:A3)
- AP Physical Address (8C:04:BA:14:5B:A3) [Validate the format of the physical address] Should be in the format (8C:04:BA:14:5B:A3)

Clearly display the Message Keys Exchanged and Give Sample Keys

And Show the Keys Which Match for the Handshake to be success