"LOGIN"

START

Function login(username, password):
    user_data = getUserFromDatabase(username)

    IF user_data IS NULL THEN
        RETURN "Username tidak ditemukan"
    ENDIF

    IF verifyPassword(password, user_data.passwordHash) THEN
        RETURN "Login berhasil"
    ELSE
        RETURN "Password salah"
    ENDIF
END Function
STOP

"REGISTER"

START

Function register(username, password, confirmPassword, email):
   IF checkEmailExists(email) THEN
      RETURN "Email sudah terdaftar"
   ENDIF
   IF password != confirmPassword THEN
      RETURN "Password dan konfirmasi password tidak cocok"
   ENDIF
   IF !isValidPassword(password) THEN
      RETURN "Password tidak memenuhi syarat keamanan"
   ENDIF
   hashedPassword = hashPassword(password)
   saveUserToDatabase(username, hashedPassword, email)
   RETURN "Registrasi berhasil"

END Function

STOP