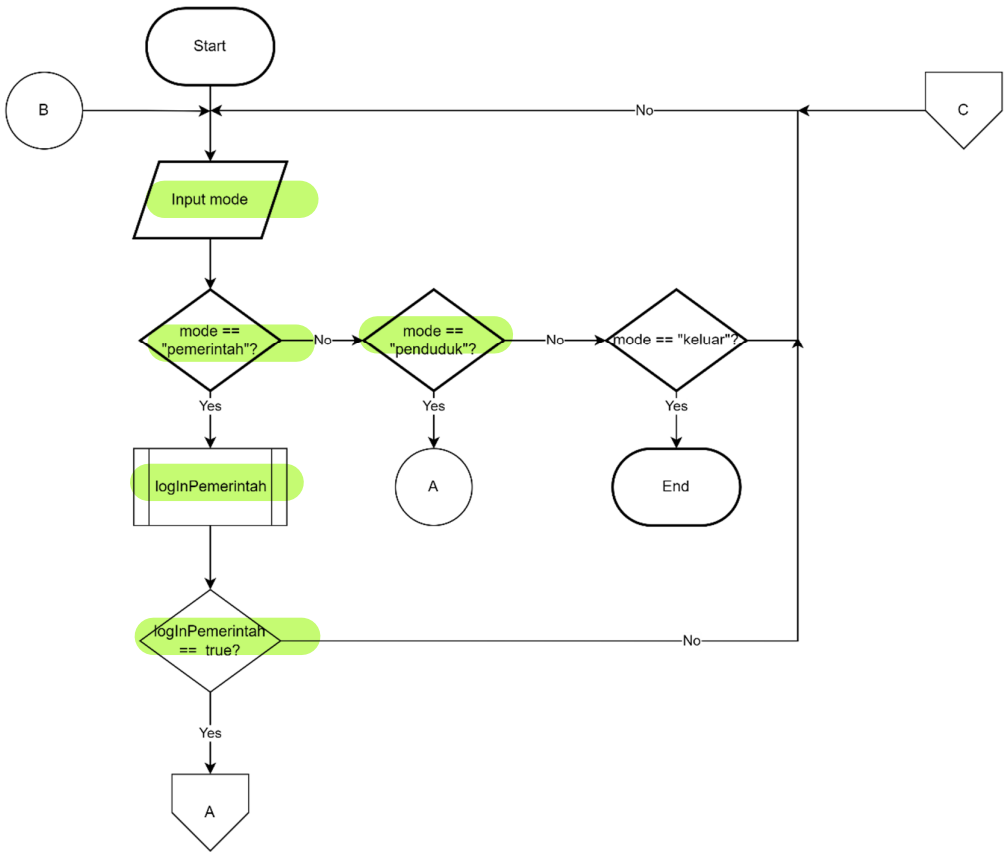
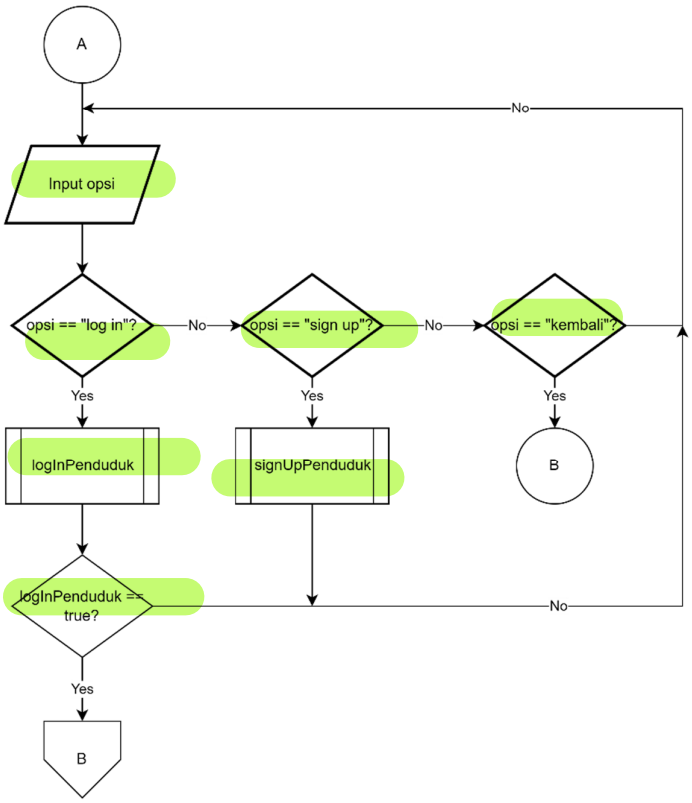
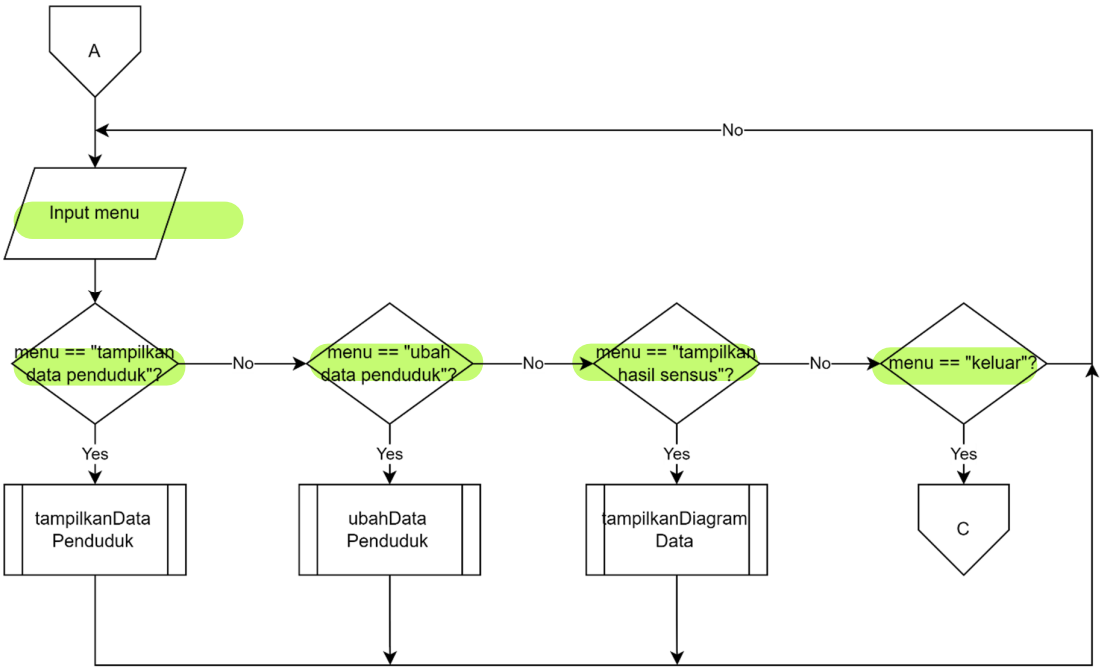
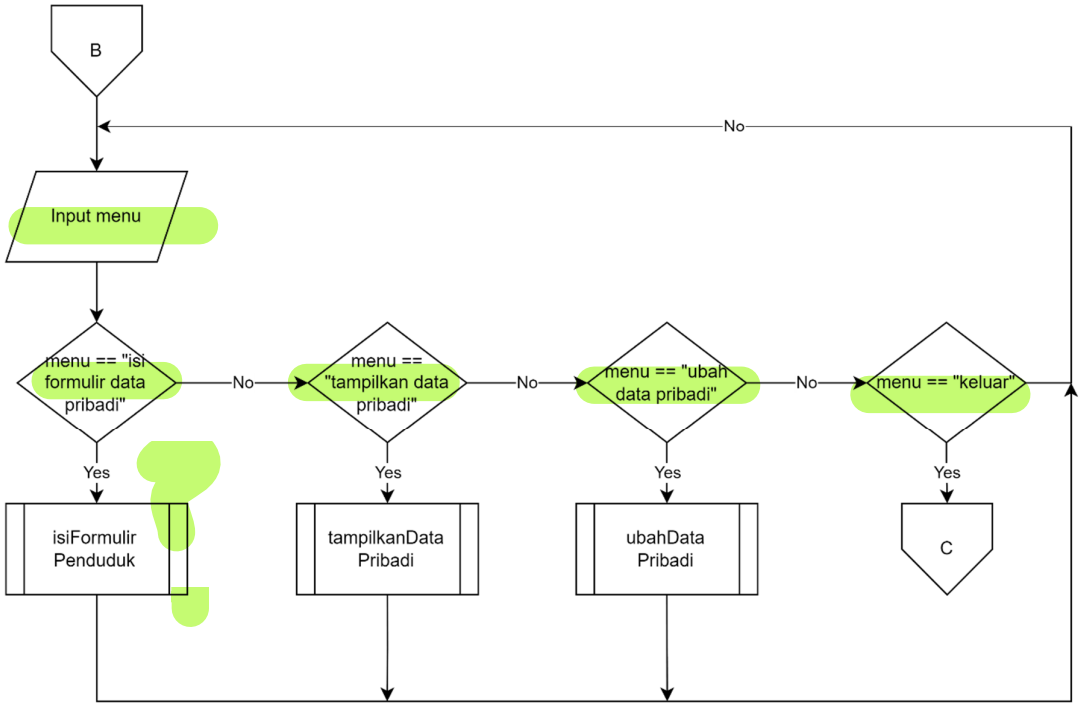
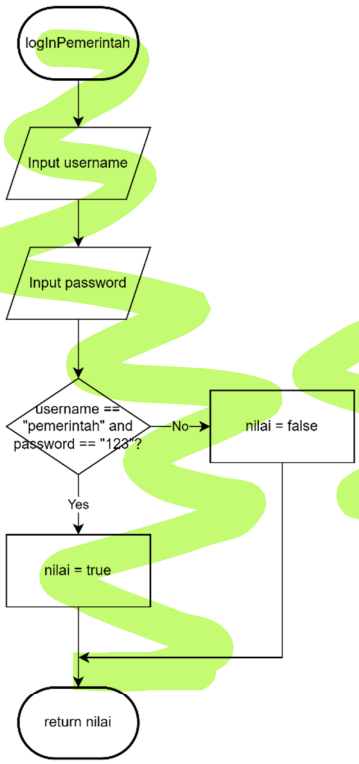
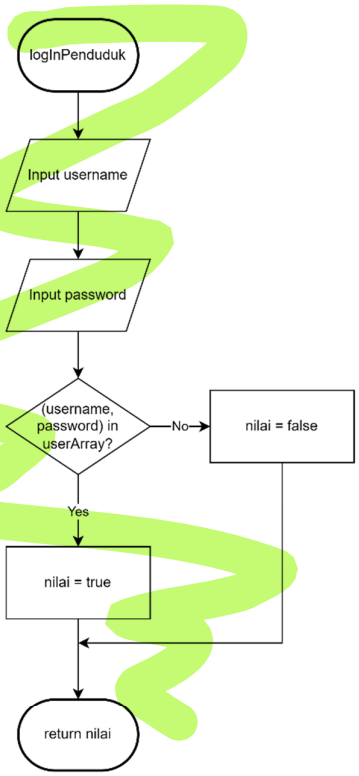

Start
B
C
No
Input mode
mode == "pemerintah"?
No
mode == "penduduk"?
No
mode == "keluar"?
Yes
Yes
Yes
logInPemerintah
A
End
logInPemerintah == true?
No
Yes
A

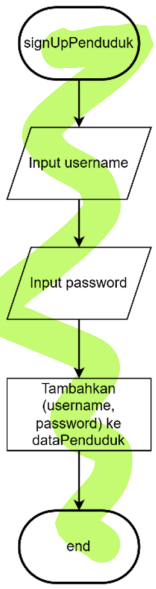

A
No
Input opsi
opsi == "log in"?
No
opsi == "sign up"?
No
opsi == "kembali"?
Yes
Yes
Yes
logInPenduduk
signUpPenduduk
B
logInPenduduk == true?
No
Yes
B

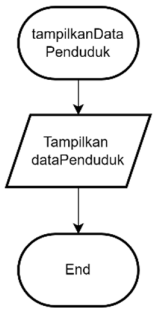

A
No
Input menu
menu == "tampilkan data penduduk"?
No
menu == "ubah data penduduk"?
No
menu == "tampilkan hasil sensus"?
No
menu == "keluar"?
Yes
Yes
Yes
Yes
tampilkanData Penduduk
ubahData Penduduk
tampilkanDiagram Data
C

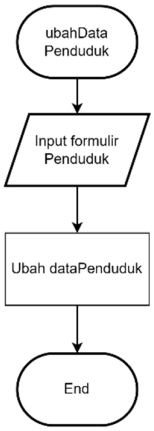

B
No
Input menu
menu == "isi formulir data pribadi"
No
menu == "tampilkan data pribadi"
No
menu == "ubah data pribadi"
No
menu == "keluar"
Yes
Yes
Yes
Yes
isiFormulir Penduduk
tampilkanData Pribadi
ubahData Pribadi
C

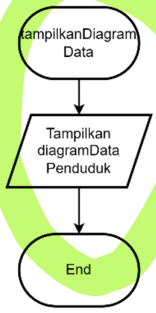

logInPemerintah
Input username
Input password
username == "pemerintah" and password == "123"?
No
nilai = false
Yes
nilai = true
return nilai

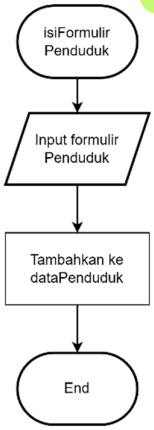

logInPenduduk
Input username
Input password
(username, password) in userArray?
No
nilai = false
Yes
nilai = true
return nilai

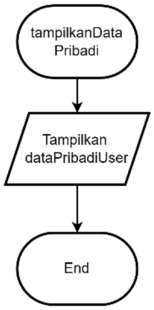

signUpPenduduk
Input username
Input password
Tambahkan (username, password) ke dataPenduduk
end

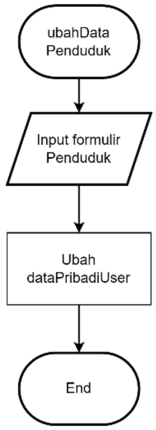

tampilkanData Penduduk
Tampilkan dataPenduduk
End


ubahData Penduduk
Input formulir Penduduk
Ubah dataPenduduk
End


tampilkanDiagram Data
Tampilkan diagramData Penduduk
End


isiFormulir Penduduk
Input formulir Penduduk
Tambahkan ke dataPenduduk
End


tampilkanData Pribadi
Tampilkan dataPribadiUser
End


ubahData Penduduk
Input formulir Penduduk
Ubah dataPribadiUser
End