Flow diagram for question 1

Start



Yes

Display error message

No

Obtain username

from user

usernameTest

Bool usernameTest = false

ValidateUsername

Return usernameTest

pass or fail

Yes

Display success message



Bool passwordTest = false

passwordTest

Obtain password

from user twice

No

Display error message

Yes

Display success message

Yes

End

ValidatePassword

Return paswordTest

pass or fail

VaildateUsername

Start

Yes

No

End

Return false

Return true

Username length >=8

VaildatePassword

Start

No

Yes

Passwords match and

password length >=8

End

Return false

Return true