# Pseudo code

Program start

Display program name “ Welcome to Password manager”

Create function add\_data

Start - optional

Create a file called "credentials.txt" – what happens next time the function is called?

Write user name

Write password

Write URL/Source

Display written data - optional

End - optional

Create function display\_data - what happens if this function is called before credentials.txt is created

Start

Open file credentials.txt

Display data - formatting

End

Initialize variable choice = 0

Initialize variable counter= 0

While counter equal to ‘q’ - counter is an odd name; also counter is not equal to 'q', so the loop is never entered

Display menu 1 – Enter 1 to Add credentials

Display menu 2 – Enter 2 to View credentials

Display menu 3 – Enter q to Exit

If choice == 1

Display “ Enter User name” –keep the variables and function together; is that display & get?

Display “Enter Password”

Display “Enter URL/Source”

Call function “ add\_data”

Display “ Successfully added your credentials” - keep with function

If choice == 2

Call function “display\_data”

If choice == ‘q’

Quit

End while loop