Question 24

1. What type of control is used by the while loop in Program 3.7?

**pre-test loop**

1. What is the purpose of variable more in this program, and why it is initialized to 1?

**The purpose of variable more is to be initialized for the program to prepare loop before its start and the initialization 1 will become the reason why it still looping.**

1. What value of variable more will exit the loop?

**0**

1. Is this program user friendly? Give reasons to your answer.

**Yes. It is because this program simpler as the loop body may not be executed at all as the loop will stop if the user ask to stop.**

1. Modify Program 3.7 to implement more as a Boolean flag.

**soalan\_24\_new\_e.cpp**

1. Modify Program 3.7 such that the data validation is implemented using a while loop.

**In soalan\_24\_f.cpp**