Homework assignment #3: ‘While statement’
Deadline: Sunday, March 1 before 23:59pm
Follow the guidance on submission (otherwise a penalty of 15% will be applied to your score)

Write a complete C++ program that tries to guess a password:
1. Create a variable 'password' and assign some value to it (it is up to you which value you want to use, e.g. “qwerty”, “12345” etc.)
2. Ask user for his best guess, save it to a variable;
3. Use a while statement, so that program gives a user an infinite number of times to guess the password until user guesses correctly
4. At any point while guessing numbers, user might want to exit the program, so add an if-statement in a correct place so that it allows user to terminate the program.

You can employ any tactic as long as it achieves the specifications, but here is a hint to the outline:
- ‘read in’
- ‘if statement’
- ‘while’ statement and inside of it ‘read-in’ and ‘if’ + ‘else if’ statement

Some examples of output
#1
Please give me your best guess or enter 1 to exit
blah
Incorrect, try again or enter 1 to exit
blah-blah
Incorrect, try again or enter 1 to exit
1
Exiting the program

#2
Please give me your best guess or enter 1 to exit
qw
Incorrect, try again or enter 1 to exit
qwerty
Congratulations!