The Auto Keyword Exercises

auto

- What is meant by "auto" in Modern C++?

- Why is auto important?

- Write a program which defines variables using "auto". Print out the values of the variables

Using auto to simplify your code

- Use auto to write down a simpler version of the following definition

  vector<int>::iterator it = vec.begin();

auto with qualifiers

- Write a program which defines a variable which is a reference to const int

- Using auto, define another variable which is initialized from this variable

- Demonstrate that the auto variable is not const

- Attempt to modify the auto variable. Explain your results