Assessment Solutions

Chapter 2 – Adding Language Necessities

1. The signature of a function is the function's name plus its type and number of arguments (no return type). This relates to name mangling as the signature helps the compiler provide a unique, internal name for each function. For example, `void Print(int, float);` may have mangled name of `Print_int_float();`. This facilitates overloaded functions by giving each function a unique name so that when a call is made, it is evident by the internal function name as to which function is being invoked.

2. **a – d**: Please see `Chapter02/Assessments/Chp2-Q2.cpp` in the GitHub repository.