Ex 1 – Syntactic shortcut (sugar)

if(myCircle < myCircle2)

cout << "myCircle is less\n" ;

else

cout << "myCircle2 is less\n";

Actual generated code for < is,

if(myCircle.operator<(myCircle2))

Ex 2 – Syntactic shortcut (sugar)

cout << circle1 << circle2 << “This is a test”;

Actual generated code is,

cout.operator<<(cout.operator<<((cout.operator<< (cout, circle1), circle2), “This is a test”));

Operators << and >> return a reference to an ostream or istream object. This supports the syntax of example 2 and also allows the client programmer to pipe multiple arguments to cout (as in the example).