

Checkpoint 5.1

a)

Error(s): An integer variable called "result" is returned, however a double-precision, floating-point result is expected to be returned; variable k and j is undefined in the function.

Suggested correction: Declare the variable result as "double result;," replace "result=k*j" with "result=a*b".

b)

Error(s): Function b and c are defined in function a.

Suggested correction: Move the definition of b and c out of the definition of a which the functions a, b and c are defined separately.

Checkpoint 5.2

a) double largest (double a, double b, double c, double d);

b) int getPerimeter ();

c) void setPrice (double price);

Checkpoint 5.3

a)

1. Missing the function declaration- void g(int& k); before calling the function in main().

2. Missing return 0 in main().

b)

4, 1

2, 3

0, -5

Checkpoint 5.4

a) Scope of variable k : entire file

b) Scope of parameter m: entire display function

c) Scope of variable j : within the for loop in the main function

Checkpoint 5.5

a)

1.1

100.1

10.1

1000.1

b)

1.1

100.1

11

10010