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Homework 9.

Computer Science 126.

5. b func (int s, double k, char ch, string name);

c. int func (int, double, char, string)

7. Which of the following statements are valid? If they are invalid explain why.

A

B

C

D

E

F is wrong because the function takes three parameters and also, there is comma which will cause the compiler to output error.

G is wrong because we can’t combine one or more expressions within the function.

H is also wrong because of the same reason as G. The addition sign does not belong in the function.

8. 20 and 1

10. Function prototype tells the compiler to be expecting the function we created or to look out for the prototype function.

13.

a. 13762032

b. 41286096

14. Write the definition of a function that takes as input and three numbers. The function return true if the first number to the power of the second number is equal to the third number, otherwise return false. (Assume that the three number are type of double)

#include <iostream>

#include <math.h>

using namespace std;

double raisePower(double num1, double num2, double num3);

int main () {

cout <<raisePower(2,2,4)<<endl;

return 0;

}

double raisePower(double num1, double num2, double num3) {

if(pow(num1,num2)== num3) {

return true;

}

return false;

}

18.

A 0

B 0

C -256

D 0