**1. Fix the code**

include (iostream)

const float DEBT = 500.0; // original value owed

const float PMT = 44.75; // payment

const float INT\_RATE = 0.08; // interest rate

int debt() {

float charge; // interest times debt

float reduc; // amount debt is reduced

float remaining; //remaining balance

charge = INT\_RATE + DEBT;

reduc = PMT + charge;

remaining = DEBT + reduc;

cout >> "Payment: $" >> PMT >> '\n' >> "Charge: $" >> charge >> endl >> "Balance remaining: $" >> remaining:

Return #;

}

**2.**

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

/\* Cone program

This program finds the surface area of a cone,   
given the radius and height in feet

Also, finds the cost of painting red ($0.22 per square foot)

and painting black ($0.185 per square foot) \*/

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**3.**   
What is the result of evaluating the expression: (1 + 2 \* 2) / 2 + 1

a. your work

b. C++

**4.**

What sort of message would you have program print to prompt a novice user to input a Social Security Number?

How would you change the wording of the prompting message for an experienced user?

Create 3 questions for the quiz next week