**Tutorial #3**

Question 1:

1. Declare a **Book** class consist of the book title, number of pages, and number of current page. Those variables are private.
   1. Add functions to the class members in order to set and get the variables.
   2. Add a print function to print the book information including the book numbers and pages.
   3. Add two constructors:
      1. Default constructor.
      2. Constructor to set the book pages with a given value.
   4. Add a destructors to print a destroy massage.

Question 2:

Create a class called time that has separate int member data for hours, minutes, and seconds. One constructor should initialize this data to 0, and another should initialize it to fixed values. Another member function should display it, in 11:59:59 format.

Question 3:

Complete the program. You may need to make some changes in the code:

1. **class** Dog {
2. **public**:
3. **int** age;
4. };
5. int main(){
6. //declare a dog called woof
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. // set Woof’s age to 5
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. return 0;
11. }
12. **class** Dog {
14. **int** age;
15. };
16. Int main(){
17. //declare a dog called woof
18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
19. // ser Woofs age to 5
20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
21. Return 0;
22. }

Question 3:

Correct the following program:

class Celcius

{

private:

float c;

void readCelcius()

{

cout<<"Enter temperature in Celcius: ";

cin>>c;

}

public:

Celcius(){ c= 0};

Celcius( float c1) { c= c1;}

Float ¬ Celcius(int x);

float toFarenheit()

{

return((9.0/5.0)\*c+32);

}};

int main(){

Celcius c1;

c1.Celcius();

Celcius c2();

Celcius c2(3.4);

c1.readCelcius();

cout<<c1.toFarenheit()<<" F"<<endl;

f1.readFarenheit();

cout<<f1.toCelcius()<<" C";

return 0;

}