Week 7-8-9

Q14. Overload binary operator < to compare two objects

#include <iostream>

using namespace std;

class Box {

public:

double volume;

Box(double v): volume(v){}

bool operator<(const Box& b){ // Overloading binary < operator for comparison based on volume

return volume < b.volume;

}

};

int main(){

Box box1(10);

Box box2(20);

if(box1 < box2){

cout<<"Box1 is smaller than Box2";

} else {

cout<<"Box1 is not smaller than Box2";

}

return 0;

}