Lab Notes Week 7

These are a summary of the topics for this weeks lab. Please let me know of any further questions or any other issues that I can clear up.

1 How do I get started with this problem?

Below is some code which provides a rough "template"for how the code for this assignment should look. Use it as a starting point!

```
#include<iostream> //for cin and cout
#include<cmath> //for sqrt function

void get_sides(int& a, int& b, int& c);
void compute_area_perimeter(int a, int b, int c, double& area, double& perimeter);
bool keep_going();

int main(){
    int a,b,c;
    do{
    /* MORE CODE HERE */
    }while(keep_going());
}

void get_sides(int& a, int& b, int& c){
    using namespace std;
    /* MORE CODE HERE */
}

void compute_area_perimeter(int a, int b, int c, double& area, double& perimeter){
    using namespace std;
    /* MORE CODE HERE */
}

bool keep_going(){
    using namespace std;
```

```
    char c;
    cout << "Do you want to go again (Y/N)?\n";
    cin >> c;
    /* MORE CODE HERE */
}
```

2 Testing

Be sure to test your code! Do two or three calculations by hand of triangles with different side lengths. Then use those side lengths as input to your program. Does the value given by your program agree with the calculations you performed by hand?