EE 1910

Dr. Johnson

Program 9

No capabilities beyond those discussed in class or in the notes are allowed

Write a program to calculate the volume and surface area of a box. Enter width, length, and height as floats in cm. Use the following function prototype:

```
void calc_data(float w, float l, float h, float * vol, float * area);
```

Turn in your code, and screenshots for values of
11 13 15, 5.1 4.2 3.3, 800 700 600

End up with something like this – check your values!

HW_Cons_project.exe [C/C++ Application] Z:\msoe_current\22_Q2_EE1910\Workspace_V10_

Programming HW 9
Welcome to Dr Johnson's functions program ← Your name

Please enter values for width, length, and height of your box in cm:11 13 15

The volume of your box is 2145.000000 cm-cubed
The surface are of your box is 1006.000000 cm-squared

Please enter values for width, length, and height of your box in cm:5.1 4.2 3.3

The volume of your box is 70.685997 cm-cubed
The surface are of your box is 104.219994 cm-squared

Please enter values for width, length, and height of your box in cm:800 700 600

The volume of your box is 336000000.000000 cm-cubed
The surface are of your box is 2920000.000000 cm-squared