* Open this document in MS Word.
* Fill in the blanks for the variables.
* Submit this document to Canvas.
* What to do . . .
  + Trace through this piece of code by hand.
  + Keep track of what is stored in the variables.
  + After each section, write down what is stored in the variables asked for.

int a, b, c;  
int temp;  
double r1, r2, r3, r4;  
  
//-------------------------------------------------------------------------  
//-- After this block of code, what is store "a" and "b"?  
a = 25;  
b = -76;  
temp = a;  
a = b;  
b = temp;

**a = \_-76\_\_ b = \_\_25\_\_**

//-------------------------------------------------------------------------  
//-- After this block of code, what is stored in "a", r1"?  
r1 = 123.45;  
a = (int)r1;  
r1 = (double)a;

**a = \_123\_\_ r1 = \_­­123.0\_\_**

//-------------------------------------------------------------------------  
//-- After this block of code, what is stored in "r1", "r2", "r3", "r4"??  
r1 = -99.765;  
r2 = r1 \* -1;  
r3 = r1 + r2;  
r4 = (int)r1 + r2;

**r1 = \_-99.765\_ r2 = \_99.765\_ r3 = \_0.0\_ r4 = \_.0765\_\_**

//-------------------------------------------------------------------------  
//-- After this block of code, what is stored in "r1", "r2", "r3", "r4"??  
a = 34;  
b = 10;  
r1 = a / b;  
c = a % b;  
r2 = r1 + (double)c;  
a = (int)r2;  
a--;  
a = a + b / 3;

**r1 = \_3.0\_\_ r2 = \_\_7.0\_\_ a = \_9\_\_ c = \_\_\_4\_**