Type: FMB  
1. Specify the output and the variables' values after the following code segment is executed.  
  
int a;  
int b = 4;  
  
for ( a = 9; a > b; a--)  
{  
 System.out.print( a + "-");  
 System.out.print( b + "$");  
 b += 2;  
}  
  
Note:  
(1) If there is no output, please specify "nothing" (no quotes) in the blank for the output.  
(2) If a variable is out of scope after the code segment is executed, please specify "out of scope" (no quotes) in the blank for the variable.  
Output of the program: [9-4$8-6$]
a: [7]
b: [8]  
  
Type: FMB  
2. Specify the output and the variables' values after the following code segment is executed.  
  
double amount = 3.5;  
double count = 7.8;  
  
while (amount < count)  
{  
 System.out.print(amount + "-");  
 System.out.print(count + "-");  
 amount += 1.0;  
 count -= 1.0;  
}  
  
If there is no output, please specify "nothing" (no quotes) in the blank for the output.  
Output of the program: [3.5-7.8-4.5-6.8-5.5-5.8-]
amount: [6.50]
count: [4.80]