Type: FMB  
1. Specify the output and the variables' values after the following code segment is executed.  
  
int u;  
int b = 5;  
  
for (u = 9; u > b; u--)  
{  
 System.out.print(u + "-");  
 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: [9-5$8-7$]u: [7] b: [9]  
  
Type: FMB  
2. Specify the output and the variables' values after the following code segment is executed.  
  
double amount = 1.2;  
double count = 8.7;  
  
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: [1.2-8.7-2.2-7.699999999999999-3.2-6.699999999999999-4.2-5.699999999999999-]amount: [5.20]count: [4.70]