

Lab 01

1. To determine the source of the seg fault, I ran the program using gdb. After the program executed resulting in a seg fault, I used the *bt* command for a print out of the backtrace. I saw the source of the issue was in *lookup.c* at line 466. So I checked to see if the *dp* variable was null using the *p dp* command and saw that it was. I put a check in the for loop at line 463, to check if *np* was null before assigning *dp* to *dp → next*.
2. *my_watch* modifications:
 1. Old = 0; New = 2;
 2. Old = 2; New = 248;
 3. Old = 248; New = 228;
 4. Old = 228; New = 208;
 5. Old = 208; New = 188;
 6. Old = 188; New = 168;
 7. Old = 168; New = 169;
 8. Old = 169; New = 149;
 9. Old = 149; New = 129;
 10. Old = 129; New = 180;
 11. Old = 180; New = 160;
 12. Old = 160; New = 140;