# Lab 8 Post Assignment

## Part 1:

1) Set a breakpoint at the line of statement "while (num > 0)".
**Question: Write your command.**

(gdb) break 5

2) Run the program until the first breakpoint.
**Question: Write your command.**
(gdb) run

**Question: check the value of rev_num and num after each iteration and fill in the table below.**

|         | 1st iteration | 2nd iteration | 3rd iteration | 4th iteration |
|---------|---------------|---------------|---------------|---------------|
| num     | 1125          | 1125          | 112           | 112           |
| rev_num | 0             | 5             | 5             | 5             |

## Part 2:

1)
Line 6:
Problem: The variable 'space' was not initialized.
Solution:  initialize the variable space
2) Line 12:
Problem: Missing single inverted commas around \n.
Solution: Add one set of inverted commas around '\n'.
3) Line 26:
Problem: Type mismatch. (warning)
Solution: cast the type in the printf statement