PART 1

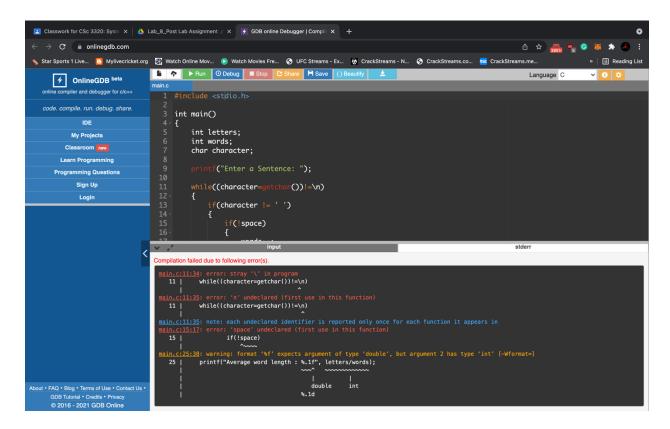
4. While loop is at line number 6. So to set a break point we use: "break q1.c:6"

6.

	1 st Iteration	2 nd Iteration	3 rd Iteration	4 th Iteration
num	112	11	1	0
rev_num	5	52	521	5211

8. The foo function returns the reverse of the number that is passed to it as an argument. In our program the number is 1125 and foo function returns 5211.

PART 2



Errors in the program:

- Line 12: Missing single inverted commas around \n.
- Line 6: The variable *space* has not been initialized.
- Line 26: Type mismatch.

Corrected program:

- Line 12: Add single inverted commas around '\n'.
- Line 6: Declare and initialize the variable space to correct the program.
- Line 26: Explicitly cast the type in the printf statement.