Programming Practice: Basic I/O

1. Consider a sequence of integers: 12, -3, 99999999, 255, 6578, -457, 808, -745784, -12344, 200025, and 89. Write a C program to print this sequence of integers such that four integers in a line and with (a) no alignment, (b) left alignment, and (c) right alignment. Program solution example: integer_alignment.c.

2. Write a C program to input two integers m and n. Then, output m+n, m-n, m*n, m/n. Program solution example: integer_io.c.

3. Write a C program to input three English letters. Convert them to the corresponding upper case letters. Then, output a string with these three letters in the alphabetical order. Program solution example: upper_case_in_order.c.

4. Write a C program to output the following text:

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   '"/ \"'
    ??_??
      |
   ^^"@"^^
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   Program solution example: escape_sequence.c.

5. Write a C program to input a string and output the characters of the string one after one separated by a white space. Program solution example: string_to_character.c.

6. Write a C program to input a text line and output each word in a single line. Also, count the number of words and output the total number of words. Program solution example: text_line.c.