1. The following C statements are part of a C program. Write down the output.

    a. `int a=123;`
       `printf("a=%-7d\n",a);`
       `printf("a=%5d\n",a);`
       `printf("a=%6.4d\n",a);`
       Answer:

       `a=`

       `a=`

       `a=`

    b. `int x=4, y, z;`
       `y = x++;`
       `z = x--;`
       `printf("%d, %d, %d\n", x, y, z);`

                                         Output: _____, _____, _____

    c. `i=-1, j=0, k=-1, m;`
       `m = ++i || ++j && ++k;`
       `printf("%d, %d, %d, %d\n", i, j, k, m);`

                                         Output: _____, _____, _____, _____

2. Write a C program that calculates the value of the following expression and prints out the result. Here $a = -3.0, b = 2.0, c = 5.0, d = 4.0$ are real numbers.

$$\frac{(a+b)c - \dfrac{b}{c + d(a-b)}}{a + \dfrac{b+a}{c}}$$

    Answer:

3. Write a C program that reads an integer (from keyboard) and checks whether it is a multiple of 4 or not. It also prints appropriate message

   Answer:

4. Write a C program that accepts (from keyboard) your weight in kilograms and displays the result in stones on the screen. [1 stone = 6.3503 kilograms]

   Answer: